



January 31, 2025

VIA ELECTRONIC FILING

Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102

RE: The Empire District Electric Company d/b/a Liberty
Case No. EO-2025-0124 – MEEIA Cycle 2

Dear Judge Dippell:

Please find attached Liberty’s MEEIA Cycle 2 Application. Please note that the Application contains a request for a shortened intervention period so that Liberty’s MEEIA Cycle 2 tariff sheets may take effect April 1, 2025 (upon expiration of Liberty’s MEEIA Cycle 1).

Also attached, in electronic form, are the following revised tariff sheets regarding Liberty’s MEEIA Cycle 2 plan and the customer charge under the Demand-Side Investment Mechanism (“DSIM”):

PSC Mo No. 6	Section A	3 rd Revised Sheet No. 1
PSC Mo No. 6	Section 4	6th Revised Sheet No. 21
PSC Mo No. 6	Section 4	4th Revised Sheet No. 21a
PSC Mo No. 6	Section 4	4th Revised Sheet No. 21b
PSC Mo No. 6	Section 4	5th Revised Sheet No. 21c
PSC Mo No. 6	Section 4	5th Revised Sheet No. 21d
PSC Mo No. 6	Section 4	5th Revised Sheet No. 21e
PSC Mo No. 6	Section 4	7th Revised Sheet No. 21f
PSC Mo No. 6	Section 4	5th Revised Sheet No. 27
PSC Mo No. 6	Section 4	4th Revised Sheet No. 27a
PSC Mo No. 6	Section 4	5th Revised Sheet No. 27b
PSC Mo No. 6	Section 4	4th Revised Sheet No. 27c
PSC Mo No. 6	Section 4	4th Revised Sheet No. 27d
PSC Mo No. 6	Section 4	6th Revised Sheet No. 27e
PSC Mo No. 6	Section 4	4th Revised Sheet No. 27f
PSC Mo No. 6	Section 4	5th Revised Sheet No. 27g
PSC Mo No. 6	Section 4	4th Revised Sheet No. 27h
PSC Mo No. 6	Section 4	5th Revised Sheet No. 27i
PSC Mo No. 6	Section 4	4th Revised Sheet No. 27j
PSC Mo No. 6	Section 4	5th Revised Sheet No. 27k

PSC Mo No. 6

Section 4

4th Revised Sheet No. 271

PSC Mo No. 6

Section 4

Original Sheet No. 29

PSC Mo No. 6

Section 4

Original Sheet No. 29a - i

These sheets bear an issue date of January 31, 2025, and a requested effective date of April 1, 2025 (60 days after filing).

Please bring these filings to the attention of the Commissioners and the appropriate Commission personnel, and please do not hesitate to contact me with any questions or concerns.

Sincerely,

Diana Carter

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

In the Matter of the Application of The Empire)
District Electric Company d/b/a Liberty to)
Implement Robust and Mutually-Beneficial) Case No. EO-2025-0124
Energy Efficiency Offerings Under the)
Framework Prescribed by MEEIA)

MEEIA APPLICATION

COMES NOW The Empire District Electric Company d/b/a Liberty (“Liberty” or the “Company”), pursuant to Missouri Public Service Commission (“Commission”) Rules 20 CSR 4240-2.060, 2.065(4), 2.205, 4.017, and 20.092-20.094 and RSMo. §393.1075, and submits this Application, seeking approval of demand-side and demand response programs and a Demand-Side Investment Mechanism (“DSIM”) as prescribed by the Missouri Energy Efficiency Investment Act (“MEEIA”). The documents which are being filed concurrently with this Application, together with this Application, are sometimes referred to collectively herein as Liberty’s MEEIA Cycle 2 Filing. This Application includes requests for variance from certain rule provisions and a shortened intervention period so that Liberty’s MEEIA Cycle 2 tariff sheets may take effect April 1, 2025 (upon expiration of Liberty’s MEEIA Cycle 1).

General Information

1. Liberty filed a 60-day notice on October 1, 2024, initiating this docket. The contents of the notice are incorporated herein by reference.
2. The Company has no pending or final unsatisfied judgements or decisions against it from any state or federal agency or court that involve customer service or rates that have occurred within the three years immediately preceding the filing of this Application and has no overdue Commission annual reports or assessment fees. The Company’s documents of incorporation have been previously filed with the Commission in Case No. EF-94-39 and said documents are incorporated

herein by reference. A Certificate of Authority from the Missouri Secretary of State to the effect that Liberty, a foreign corporation, is duly authorized to do business in the state of Missouri was filed with the Commission in Case No. EM-2000-369 and is incorporated herein by reference.

3. In addition to the undersigned counsel, all correspondences, pleadings, orders, and communications regarding this proceeding should be sent to:

Kimberly Dragoo
Director Key Account and Energy Programs
465 Sykes Road
Fall River, MA 02720
Telephone: (774) 301-3382
E-mail: Kimberly.Dragoo@libertyutilities.com

Cindy Wilson
Director, Rates and Regulatory – Central Region
602 S Joplin Ave
Joplin, MO 64801
Telephone: (417) 706-8778
E-mail: Regulatory.Information@libertyutilities.com

Rule Compliance and Request for Waiver/Variance

4. Commission Rule 22.080(18) requires the Company to certify this Application as substantially consistent with its preferred resource plan in its most recent Integrated Resource Plan (“IRP”) or to explain why it is not consistent. The Company hereby certifies that Liberty’s MEEIA Cycle 2 Filing, including this Application, is substantially consistent with its preferred resource plan in its current IRP.

5. With the granting of the rule waiver/variance requested below, Liberty’s MEEIA Cycle 2 Filing is also in compliance with Commission Rules 20.092-20.094. Appendices A-H are attached hereto. These appendices outline the elements of the Company’s proposed demand-side and demand response programs:

Appendix A – Portfolio and Program Summary
Appendix B – Program Descriptions
Appendix C – MEEIA Cycle 2 Measure List

- Appendix D – Customer Notice
- Appendix E – Tariff Sheets
- Appendix F – Customer Bill Example
- Appendix G – MEEIA Cycle 2 Accounting
- Appendix H – Earnings Opportunity Calculation

6. In order to implement the DSIM and the program portfolio proposed in Liberty’s Cycle 2 MEEIA Filing, a waiver or variance is needed from Commission rules, as discussed below. In accordance with 20 CSR 4240-20.094(11), the Company seeks a waiver or variance from Commission Rule 20 CSR 4240-20.093(2)(I) with regard to EM&V.

7. Due to the structure of the programs and earnings opportunity in Liberty’s MEEIA Cycle 2, Liberty and interested stakeholders agreed that an EM&V cycle as contemplated by Rule 20.093(2)(I) is not warranted. As detailed in Appendix H, the proposed earnings opportunity will be based only on incentive spending. The proposed calculation for the Company’s earnings opportunity is attached as Appendix H.

8. Commission Rule 20.094(2), regarding annual energy and demand savings goals, prescribes guidelines to review progress toward the expectation an electric utility’s demand-side programs can achieve a goal of overall cost-effective demand-side savings. The rule, however, expressly states that the prescribed guidelines are not mandatory and that no penalty or other adverse consequence will result if a utility is unable to achieve annual savings goals specified in those guidelines. To eliminate any confusion regarding whether Liberty’s Cycle 2 MEEIA Filing is required to meet these “soft” goals related to kWh and kW load reductions, the Company seeks a waiver of this rule. Alternatively, the Commission could include a statement in its final order approving the MEEIA Cycle 2 Filing that the Company will not be penalized in any way if it fails to meet goals expressed in the rule’s guidelines.

9. Commission approval of the Company’s proposed programs and DSIM, outlined in the attached Appendices, is necessary to fulfill MEEIA’s mandate that the Commission align utility

financial incentives with helping customers to use energy more efficiently and in a manner that sustains or enhances utility customers' incentives to use energy more efficiently.

10. For Cycle 2, Liberty, through discussions with stakeholders, determined it would be prudent to have a two year cycle for demand side programs ending December 31, 2026, and a three year cycle for demand response programs ending December 31, 2027. The shift in the programs for Cycle 2 provides good cause for the variances requested above, and the Commission's grant of the requested variances will help to allow the Company to achieve its objective of reducing energy use and demand as cost-effectively as possible.

11. The MEEIA promotional tariffs and DSIM tariff sheets are included in this Application as Appendix E, with an issue date of January 31, 2025, and a proposed effective date sixty days thereafter (April 1, 2025).

12. The DSIM tariff sheets reflect calculation of the throughput disincentive that is consistent with the formula in the DSIM tariff. Specifically, the throughput disincentive is based on estimated monthly (kWh) savings for each rate class multiplied by the tail block rate (less the base energy cost) applicable to the respective rate class and month. The Company noted in its response to the DR 0108 in the Company's current rate case (Case No. ER-2024-0261) that the throughput disincentive was incorrectly calculated in its 2024 filing as it was based on a composite of the headblock and tail block rates rather than only the tail block rate. As noted in the response to DR 0108, the Company reviewed the issue with Staff and provided a corrected calculation.

Request for Abbreviated Intervention Period and Tariff Approval

13. The Company has collaborated extensively with regulatory stakeholders, including the Staff of the Commission and the Office of the Public Counsel, in order to expedite the post-filing regulatory process associated with Liberty's MEEIA Cycle 2. The Company worked closely with stakeholders throughout the planning process to review portfolio topics such as program offerings,

implementation contractors, avoided costs, the DSIM, and other MEEIA characteristics. As such, the Company asks the Commission to set a shortened intervention deadline, so that Liberty's MEEIA Cycle 2 tariff sheets may take effect on April 1, 2025.

14. It is Liberty's intent to continue to work with the parties and submit a stipulation and agreement to resolve all issues in this proceeding and allow for the timely approval of the Company's MEEIA Cycle 2 tariff sheets.

WHEREFORE, The Empire District Electric Company d/b/a Liberty respectfully submits this Application and requests that the Commission approve the programs and the DSIM proposed in its MEEIA Cycle 2 Filing. Liberty requests such additional relief as is just and proper under the circumstances.

Respectfully submitted,

/s/ Diana C. Carter

Diana C. Carter MBE #50527

THE EMPIRE DISTRICT ELECTRIC COMPANY

428 E. Capitol Ave., Suite 303

Jefferson City, Missouri 65101

Joplin Office Phone: (417) 626-5976

Cell Phone: (573) 289-1961

E-Mail: Diana.Carter@LibertyUtilities.com

VERIFICATION

On behalf of the applicant, The Empire District Electric Company, and pursuant to Commission Rule 20 CSR 4240-2.060(1)(M), the undersigned, upon his oath and under penalty of perjury, hereby states that the above MEEIA Application is true and correct to the best of her information, knowledge, and belief.

/s/ Kimberly Dragoo _____
Kimberly Dragoo
Director Key Accounts and Energy Programs
Liberty

CERTIFICATE OF SERVICE

I hereby certify that the above document was filed in EFIS on this 31st day of January, 2025, and sent by electronic transmission to the Staff of the Commission and the Office of the Public Counsel.

/s/ Diana C. Carter

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY
MEEIA CYCLE 2 APPLICATION
Case No. EO-2025-0124
APPENDIX A: PORTFOLIO AND PROGRAMS SUMMARY

Total Program Costs (All costs allocated)	2025	2026	2027	Total
Portfolio				
Portfolio	\$ 535,606	\$ 546,106	\$ 556,921	\$ 1,638,633
Portfolio Total	\$ 535,606	\$ 546,106	\$ 556,921	\$ 1,638,633
Income Eligible				
Low Income Weatherization - Residential	\$ 565,708	\$ 582,660	\$ -	\$ 1,148,368
Income Eligible Total	\$ 565,708	\$ 582,660	\$ -	\$ 1,148,368
Demand Response				
Smart Thermostat - Residential	\$ 275,000	\$ 286,270	\$ 297,663	\$ 858,933
C&I Demand Response	\$ 315,330	\$ 324,764	\$ 334,502	\$ 974,596
Demand Response Total	\$ 590,330	\$ 611,034	\$ 632,165	\$ 1,833,529
Residential				
Smart Thermostats	\$ 230,000	\$ 236,850	\$ 243,923	\$ 710,773
Residential Total	\$ 230,000	\$ 230,000	\$ 243,923	\$ 703,923
Business				
C&I Rebate Program	\$ 2,027,395	\$ 2,097,721	\$ -	\$ 4,125,116
Business Total	\$ 2,027,395	\$ 2,097,721	\$ -	\$ 4,125,116

Incentive Costs	2025	2026	2027	Total
Portfolio				
Portfolio	\$ -	\$ -	\$ -	\$ -
Portfolio Total	\$ -	\$ -	\$ -	\$ -
Income Eligible				
Low Income Weatherization - Residential	\$ 455,708	\$ 469,360	\$ -	\$ 925,068
Income Eligible Total	\$ 455,708	\$ 469,360	\$ -	\$ 925,068
Demand Response				
Smart Thermostat - Residential	\$ 100,000	\$ 103,020	\$ 106,140	\$ 309,160
C&I Demand Response	\$ 225,330	\$ 232,064	\$ 239,020	\$ 696,414
Demand Response Total	\$ 325,330	\$ 335,084	\$ 345,160	\$ 1,005,574
Residential				
Smart Thermostats	\$ 150,000	\$ 154,450	\$ 159,050	\$ 463,500
Residential Total	\$ 150,000	\$ 154,450	\$ 159,050	\$ 463,500
Business				
C&I Rebate Program	\$ 1,702,395	\$ 1,762,971	\$ -	\$ 3,465,366
Business Total	\$ 1,702,395	\$ 1,762,971	\$ -	\$ 3,465,366

Marketing Development Costs	2025	2026	2027	Total
Portfolio				
Portfolio	\$ 50,000	\$ 51,500	\$ 53,045	\$ 154,545
Portfolio Total	\$ 50,000	\$ 51,500	\$ 53,045	\$ 154,545
Income Eligible				
Low Income Weatherization - Residential	\$ 35,000	\$ 36,050	\$ -	\$ 71,050
Income Eligible Total	\$ 35,000	\$ 36,050	\$ -	\$ 71,050
Demand Response				
Smart Thermostat - Residential	\$ 25,000	\$ 25,750	\$ 26,523	\$ 77,273
C&I Demand Response	\$ 15,000	\$ 15,450	\$ 15,914	\$ 46,364
Demand Response Total	\$ 40,000	\$ 41,200	\$ 42,437	\$ 123,637
Residential				
Smart Thermostats	\$ 25,000	\$ 25,750	\$ 26,523	\$ 77,273
Residential Total	\$ 25,000	\$ 25,750	\$ 26,523	\$ 77,273
Business				
C&I Rebate Program	\$ 25,000	\$ 25,750	\$ -	\$ 50,750
Business Total	\$ 25,000	\$ 25,750	\$ -	\$ 50,750

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY
MEEIA CYCLE 2 APPLICATION
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APPENDIX A: PORTFOLIO AND PROGRAMS SUMMARY

Program Administration Costs	2025	2026	2027	Total
Portfolio				
Portfolio	\$ 300,000	\$ 309,000	\$ 318,270	\$ 927,270
Portfolio Total	\$ 300,000	\$ 309,000	\$ 318,270	\$ 927,270
Income Eligible				
Low Income Weatherization - Residential	\$ 75,000	\$ 77,250	\$ -	\$ 152,250
Income Eligible Total	\$ 75,000	\$ 77,250	\$ -	\$ 152,250
Demand Response				
Smart Thermostat - Residential	\$ 150,000	\$ 157,500	\$ 165,000	\$ 472,500
C&I Demand Response	75,000	77,250	79,568	231,818
Demand Response Total	\$ 225,000	\$ 234,750	\$ 244,568	\$ 704,318
Residential				
Smart Thermostats	\$ 55,000	\$ 56,650	\$ 58,350	\$ 170,000
Residential Total	\$ 55,000	\$ 56,650	\$ 58,350	\$ 170,000
Business				
C&I Rebate Program	\$ 300,000	\$ 309,000	\$ -	\$ 609,000
Business Total	\$ 300,000	\$ 309,000	\$ -	\$ 609,000

Tracking and Reporting Costs	2025	2026	2027	Total
Portfolio				
Portfolio	\$ 185,606	\$ 185,606	\$ 185,606	\$ 556,818
Portfolio Total	\$ 185,606	\$ 185,606	\$ 185,606	\$ 556,818
Income Eligible				
Low Income Weatherization - Residential	\$ -	\$ -	\$ -	\$ -
Income Eligible Total	\$ -	\$ -	\$ -	\$ -
Demand Response				
Smart Thermostat - Residential	\$ -	\$ -	\$ -	\$ -
C&I Demand Response	-	-	-	-
Demand Response Total	\$ -	\$ -	\$ -	\$ -
Residential				
Smart Thermostats	\$ -	\$ -	\$ -	\$ -
Residential Total	\$ -	\$ -	\$ -	\$ -
Business				
C&I Rebate Program	\$ -	\$ -	\$ -	\$ -
Business Total	\$ -	\$ -	\$ -	\$ -

Incremental Gross MWh Savings	2025	2026	2027	Total
Portfolio				
Portfolio	-	-	-	-
Portfolio Total	-	-	-	-
Income Eligible				
Low Income Weatherization - Residential	235	242	-	477
Income Eligible Total	235	242	-	477
Demand Response				
Smart Thermostat - Residential	-	-	-	-
C&I Demand Response	43	44	46	133
Demand Response Total	43	44	46	133
Residential				
Smart Thermostats	3,610	3,717	3,828	11,155
Residential Total	3,610	3,717	3,828	11,155
Business				
C&I Rebate Program	12,859	13,217	-	26,076
Business Total	12,859	13,217	-	26,076

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY
MEEIA CYCLE 2 APPLICATION
Case No. EO-2025-0124
APPENDIX A: PORTFOLIO AND PROGRAMS SUMMARY

Incremental Net MWh Savings	2025	2026	2027	Total
Portfolio				
Portfolio	-	-	-	-
Portfolio Total	-	-	-	-
Income Eligible				
Low Income Weatherization - Residential	194	200	-	394
Income Eligible Total	194	200	-	394
Demand Response				
Smart Thermostat - Residential	-	-	-	-
C&I Demand Response	32	33	34	99
Demand Response Total	32	33	34	99
Residential				
Smart Thermostats	2,978	3,067	3,158	9,203
Residential Total	2,978	3,067	3,158	9,203
Business				
C&I Rebate Program	9,001	9,252	-	18,253
Business Total	9,001	9,252	-	18,253

Incremental Gross MW Savings	2025	2026	2027	Total
Portfolio				
Portfolio	-	-	-	-
Portfolio Total	-	-	-	-
Income Eligible				
Low Income Weatherization - Residential	0.07	0.08	-	0.15
Income Eligible Total	0.07	0.08	-	0.15
Demand Response				
Smart Thermostat - Residential	2.67	2.75	2.83	8.25
C&I Demand Response	22.29	22.96	23.65	68.90
Demand Response Total	24.96	25.71	26.48	77.15
Residential				
Smart Thermostats	0.57	0.58	0.60	1.75
Residential Total	0.57	0.58	0.60	1.75
Business				
C&I Rebate Program	2.45	2.52	-	4.97
Business Total	2.45	2.52	-	4.97

Incremental Net MW Savings	2025	2026	2027	Total
Portfolio				
Portfolio	-	-	-	-
Portfolio Total	-	-	-	-
Income Eligible				
Low Income Weatherization - Residential	0.06	0.06	-	0.12
Income Eligible Total	0.06	0.06	-	0.12
Demand Response				
Smart Thermostat - Residential	2.20	2.27	2.34	6.81
C&I Demand Response	16.72	17.22	17.73	51.67
Demand Response Total	18.92	19.49	20.07	58.48
Residential				
Smart Thermostats	0.47	0.48	0.50	1.45
Residential Total	0.47	0.48	0.50	1.45
Business				
C&I Rebate Program	1.72	1.76	-	3.48
Business Total	1.72	1.76	-	3.48

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY
MEEIA CYCLE 2 APPLICATION
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APPENDIX A: PORTFOLIO AND PROGRAMS SUMMARY

Total Resource Cost Test	2025	2026	2027
Portfolio			
Portfolio		-	
Income Eligible			
Low Income Weatherization - Residential		0.27	
Demand Response			
Smart Thermostat - Residential		1.69	
C&I Demand Response		17.19	
Residential			
Smart Thermostats		5.09	
Business			
C&I Rebate Program		1.37	

Utility Cost Test	2025	2026	2027
Portfolio			
Portfolio		-	
Income Eligible			
Low Income Weatherization - Residential		0.22	
Demand Response			
Smart Thermostat - Residential		1.27	
C&I Demand Response		10.15	
Residential			
Smart Thermostats		7.54	
Business			
C&I Rebate Program		2.50	

Participant Cost Test	2025	2026	2027
Portfolio			
Portfolio		-	
Income Eligible			
Low Income Weatherization - Residential		2.43	
Residential			
Smart Thermostat - Residential		79125641.00	
C&I Demand Response		99441626.24	
Business			
C&I Rebate Program		1.84	

Note: Demand response programs assume \$0 customer cost to participate which results in very high PCT.

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY
MEEIA CYCLE 2 APPLICATION
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APPENDIX A: PORTFOLIO AND PROGRAMS SUMMARY

Ratepayer Impact Measure (Net Fuel)	2025	2026	2027
Portfolio			
Portfolio		-	
Income Eligible			
Low Income Weatherization - Residential		0.18	
Demand Response			
Smart Thermostat - Residential		1.19	
C&I Demand Response		7.94	
Residential			
Smart Thermostats		2.79	
Business			
C&I Rebate Program		1.18	

kWh Net to Gross Ratio	2025	2026	2027
Portfolio			
Portfolio		-	
Income Eligible			
Low Income Weatherization - Residential		0.83	
Demand Response			
Smart Thermostat - Residential		0.83	
C&I Demand Response		0.70	
Residential			
Smart Thermostats		0.83	
Business			
C&I Rebate Program		0.70	

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY
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APPENDIX B: PROGRAM DESCRIPTIONS

Residential Programs

Smart Thermostats

Objective	Raise customer awareness of the benefits of smart thermostats to control energy use in their homes and to connect thermostats to the related demand response program.											
Target Market	Residential customers.											
Description	<p>Customers are eligible to purchase qualifying smart thermostats through the on-line store. Customers that participate receive instant incentives at the point-of-purchase. Incentives will vary depending upon the type of thermostat, manufacturer, and the associated retail cost.</p> <p>Residential customers are also eligible to receive energy advice through an online energy audit tool available at no cost. The evaluation identifies potential energy efficiency upgrades, educates the customer on managing energy consumption, and provides further information on Liberty's other energy efficiency programs. Customers may order recommended thermostats following the completion of an online audit through the online marketplace. The online marketplace will be available to all customers to purchase thermostats regardless of their participation in the online energy audit tool.</p>											
Implementation	<p>Online Liberty will work with a third-party implementation contractor to:</p> <ul style="list-style-type: none"> • Design and develop opportunities for customers to participate in the online audit tool, browse the marketplace and purchase qualifying thermostats. Thermostats through the online marketplace will offer instant rebates. • Implementation vendor will fulfill online orders, provide customer service and advisory support. • Assist with program marketing and outreach. • Track and process program performance, sales data and periodically report program activities, progress towards goals, and opportunities for improvement. • Create a direct path for participation in the Company's residential demand response program. <p>Activities will include in the promotion of the marketplace with Liberty specific branding, utility-specific interfaces, efforts to raise awareness of the program, validating customer eligibility and processing incentives.</p>											
Eligible Measures and Incentives	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #2c4e64; color: white;">Measure</th> <th style="background-color: #2c4e64; color: white;">Unit</th> <th style="background-color: #2c4e64; color: white;">Incentive range per Unit 2025-2027</th> </tr> </thead> <tbody> <tr> <td>Online Audit Tool</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Advanced Thermostat</td> <td>Per Unit</td> <td>\$50.00-\$75.00</td> </tr> </tbody> </table>			Measure	Unit	Incentive range per Unit 2025-2027	Online Audit Tool	N/A	N/A	Advanced Thermostat	Per Unit	\$50.00-\$75.00
Measure	Unit	Incentive range per Unit 2025-2027										
Online Audit Tool	N/A	N/A										
Advanced Thermostat	Per Unit	\$50.00-\$75.00										
Estimated Participation	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #2c4e64; color: white;">Measure</th> <th style="background-color: #2c4e64; color: white;">Total</th> </tr> </thead> <tbody> <tr> <td>Online Audit Tool</td> <td>5,000</td> </tr> <tr> <td>Advanced Thermostat</td> <td>9,270</td> </tr> </tbody> </table>			Measure	Total	Online Audit Tool	5,000	Advanced Thermostat	9,270			
Measure	Total											
Online Audit Tool	5,000											
Advanced Thermostat	9,270											

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

MEEIA CYCLE 2 APPLICATION

Case No. EO-2025-0124

APPENDIX B: PROGRAM DESCRIPTIONS

Estimated Savings	<table border="1"> <thead> <tr> <th>Net MWh Savings</th> <th>Net MW Savings</th> </tr> </thead> <tbody> <tr> <td>Total</td> <td>Total</td> </tr> <tr> <td>9,203</td> <td>1.45</td> </tr> </tbody> </table>		Net MWh Savings	Net MW Savings	Total	Total	9,203	1.45						
	Net MWh Savings	Net MW Savings												
	Total	Total												
9,203	1.45													
Estimated Budget	<table border="1"> <thead> <tr> <th>Budget Category</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Incentives</td> <td>\$463,500</td> </tr> <tr> <td>Marketing</td> <td>77,273</td> </tr> <tr> <td>Administration</td> <td>170,000</td> </tr> <tr> <td>EM&V</td> <td>-</td> </tr> <tr> <td>Total</td> <td>\$710,773</td> </tr> </tbody> </table>		Budget Category	Total	Incentives	\$463,500	Marketing	77,273	Administration	170,000	EM&V	-	Total	\$710,773
	Budget Category	Total												
	Incentives	\$463,500												
	Marketing	77,273												
	Administration	170,000												
	EM&V	-												
Total	\$710,773													
Cost-Effectiveness	<table border="1"> <thead> <tr> <th>Test</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>TRC</td> <td>5.09</td> </tr> </tbody> </table>		Test	Total	TRC	5.09								
	Test	Total												
TRC	5.09													

Residential Demand Response

Objective	Deliver demand reductions during peak periods through the control of thermostats in customer locations.
Target Market	All single-family residential customers with direct control of their HVAC system.
Description	A direct load control (“DLC”) program enabled through Wi-Fi connected thermostats in customers’ homes. Liberty will work with various smart thermostat manufacturers and anticipates entry into the program through multiple channels including bring your own device, customer self-install and direct installs for low-income customers. Liberty will partner with a demand response software provider who will remotely call events. An event will be called in coordination with peak demand in SPP. During an event, there may be a consistent change of temperature in a home or cycling a customer’s HVAC system to reduce demand. Customers will be compensated during the initial enrollment period and on a periodic basis (seasonally or annually) based on the number of events they participate in. Customers will be allowed to opt out of a single event without impact to their incentive tied to participation.

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<p>Implementation</p>	<p>Liberty will engage a third-party contractor to implement the program. An implementation contractor will:</p> <ul style="list-style-type: none"> • Recruit and engage customers to participate in the program. • Engage customers once enrolled and provide customer service support. • Establish relationships with local contractors to work with the program installing thermostats for qualifying low-income customers. The cost of the thermostats and installation will be shared with the Smart Thermostat program. • Process program incentives, including the review and verification of event participation. • Track program performance, including customer and contractor participation as well as quality assurance/quality control (QA/QC). • Periodically report program progress. <p>Liberty will work with the implementation contractor to market the program to residential customers. Marketing will focus on informing customers about the availability and benefits of the program and how to participate. Marketing activities will also target qualifying low-income customers.</p> <p>It is important that customers understand the value and implications of participating in the program. For measures installed through the program, Liberty and/or the implementation contractor should conduct QA/QC of a random group of completed installations and contractor(s). The QA/QC process should include verification of the equipment installed and customer satisfaction with the contractor and the program.</p>												
<p>Estimated Participation</p>	<table border="1"> <thead> <tr> <th>Measure</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Enrolled Customers</td> <td>4,736</td> </tr> </tbody> </table>	Measure	Total	Enrolled Customers	4,736								
Measure	Total												
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<p>Estimated Savings</p>	<table border="1"> <thead> <tr> <th>Net MWh Savings</th> <th>Net MW Savings</th> </tr> </thead> <tbody> <tr> <td>Total</td> <td>Total</td> </tr> <tr> <td>0</td> <td>6.81</td> </tr> </tbody> </table>	Net MWh Savings	Net MW Savings	Total	Total	0	6.81						
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<p>Estimated Budget</p>	<table border="1"> <thead> <tr> <th>Budget Category</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Incentives</td> <td>\$309,160</td> </tr> <tr> <td>Marketing</td> <td>77,273</td> </tr> <tr> <td>Administration</td> <td>472,500</td> </tr> <tr> <td>EM&V</td> <td>-</td> </tr> <tr> <td>Total</td> <td>\$858,933</td> </tr> </tbody> </table>	Budget Category	Total	Incentives	\$309,160	Marketing	77,273	Administration	472,500	EM&V	-	Total	\$858,933
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APPENDIX B: PROGRAM DESCRIPTIONS

Income Eligible Weatherization

Objective	Deliver long-term energy savings and bill reductions to eligible customers in single family and multi-family dwellings of 1-3 units through the direct installation of energy efficient measures.																																
Target Market	Income eligible residential customers that own or rent a single-family residence or reside in a unit in a 1–3-unit building.																																
Description	<p>Income eligible customers receive free in-home evaluations, customized recommendations for energy efficient measure upgrades and direct installation of weatherization measures at no cost.</p> <p>Eligible measures are included but not limited to infiltration reduction, attic insulation, sidewall insulation, floor and foundation insulation, pipe or duct insulation, water heater blankets, energy efficient lighting replacement and heating and cooling system repair or replacement. Customers are also eligible to receive funding for minor repairs that facilitate installation of energy efficient improvements. For measures such as air sealing, to ensure the health and safety of the customer, the program may perform combustion tests and/or install carbon monoxide detectors.</p>																																
Implementation	<p>Liberty will engage with local community qualified income assistance agencies as the primary path for program delivery. If local agencies are unable to fulfill program delivery Liberty will engage a third-party contractor to implement the program. An implementation contractor will:</p> <ul style="list-style-type: none"> • Hire/subcontract local, qualified individuals to complete the home energy audits, provide customized energy efficiency upgrade recommendations, and install these upgrades. • Engage customers, schedule home energy audit appointments, and provide any customer service support. • Report on program progress. <p>Liberty will work with the local agency or third-party contractor to build awareness of the program across Liberty customers. Customer marketing activities may include, but are not limited to bill inserts, website promotion, email blasts, bill messaging and community events.</p>																																
Eligible Measures and Incentives	<table border="1" data-bbox="431 1335 1369 1671"> <thead> <tr> <th data-bbox="431 1335 919 1398">Measure</th> <th data-bbox="919 1335 1060 1398">Unit</th> <th data-bbox="1060 1335 1369 1398">Incentive per Unit 2025-2026</th> </tr> </thead> <tbody> <tr> <td data-bbox="431 1398 919 1430">Audit</td> <td data-bbox="919 1398 1060 1430">Per unit</td> <td data-bbox="1060 1398 1369 1430">-</td> </tr> <tr> <td data-bbox="431 1430 919 1461">LED</td> <td data-bbox="919 1430 1060 1461">Per unit</td> <td data-bbox="1060 1430 1369 1461">\$6.67-\$13.86</td> </tr> <tr> <td data-bbox="431 1461 919 1493">Power Strips</td> <td data-bbox="919 1461 1060 1493">Per unit</td> <td data-bbox="1060 1461 1369 1493">\$30-75.00</td> </tr> <tr> <td data-bbox="431 1493 919 1524">Air Sealing</td> <td data-bbox="919 1493 1060 1524">Per sq. ft</td> <td data-bbox="1060 1493 1369 1524">\$0.72</td> </tr> <tr> <td data-bbox="431 1524 919 1556">Ceiling Insulation</td> <td data-bbox="919 1524 1060 1556">Per sq. ft</td> <td data-bbox="1060 1524 1369 1556">\$1.98</td> </tr> <tr> <td data-bbox="431 1556 919 1587">Faucet Aerator (Kitchen)</td> <td data-bbox="919 1556 1060 1587">Per unit</td> <td data-bbox="1060 1556 1369 1587">\$6.78</td> </tr> <tr> <td data-bbox="431 1587 919 1619">Faucet Aerator (Bath)</td> <td data-bbox="919 1587 1060 1619">Per unit</td> <td data-bbox="1060 1587 1369 1619">\$8.34</td> </tr> <tr> <td data-bbox="431 1619 919 1650">Low Flow Showerhead</td> <td data-bbox="919 1619 1060 1650">Per unit</td> <td data-bbox="1060 1619 1369 1650">\$16.61-24.75</td> </tr> <tr> <td data-bbox="431 1650 919 1682">Hot Water Pipe Insulation</td> <td data-bbox="919 1650 1060 1682">Per ft</td> <td data-bbox="1060 1650 1369 1682">\$5.91</td> </tr> </tbody> </table>			Measure	Unit	Incentive per Unit 2025-2026	Audit	Per unit	-	LED	Per unit	\$6.67-\$13.86	Power Strips	Per unit	\$30-75.00	Air Sealing	Per sq. ft	\$0.72	Ceiling Insulation	Per sq. ft	\$1.98	Faucet Aerator (Kitchen)	Per unit	\$6.78	Faucet Aerator (Bath)	Per unit	\$8.34	Low Flow Showerhead	Per unit	\$16.61-24.75	Hot Water Pipe Insulation	Per ft	\$5.91
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Estimated Participation	Measure		Total
	Audit		229
	LED		1,973
	Power Strips		219
	Air Sealing		568,400
	Ceiling Insulation		242,839
	Faucet Aerator (Kitchen)		229
	Faucet Aerator (Bath)		448
	Low Flow Showerhead		229
	Hot Water Pipe Insulation		658
Estimated Savings	Net MWh Savings		Net MW Savings
	Total		Total
	394		0.12
Estimated Budget	Budget Category		Total
	Incentives		\$925,068
	Marketing		71,050
	Administration		152,250
	EM&V		-
	Total		\$1,148,368
Cost-Effectiveness	Test	Total	
	TRC	0.27	

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Business Programs

C&I Demand Response

Objective	Reduce demand of building loads at commercial and industrial customer sites during peak events.						
Target Market	All commercial and industrial customers.						
Description	<p>The active demand response program is a technology agnostic program available to all commercial and industrial customers to reduce building system loads during peak events. Customers taking part in the program may not be on the Company’s current curtailment. The program will pay the customer or may work directly with their CSPs for demand reduced during an event. Customers will have the opportunity to select the number of events they are willing to participate in during a calendar year. Events will be called during weekdays, and customers may choose to participate in extended time events.</p>						
Implementation	<p>Liberty will work with a third-party implementation contractor to assist in implementation and delivery of the program. The implementation contractor will:</p> <ul style="list-style-type: none"> • Hire and/or provide any training needed for qualified, local individuals to conduct energy evaluations of demand reduction proposals. • Educate and recruit customers into the program. • Aid in development of program materials including program applications and demand reduction contracts for customers. • Execute demand reduction contracts with customers that include the type of load available to be reduced and when the assets are available to be called. • Provide customer support including program onboarding, preseason program training, dispatch communication testing, tracking of customer interactions including complaint resolution. • Track program performance and periodically report progress towards program goals and opportunities for improvement. <p>The program will be marketed through Liberty staff, customer communications and the implementation partner. We will also work directly with CSPs engaging with customers in the market.</p>						
Eligible Measures and Incentives	\$25-75 per MW of reduction						
Estimated Participation	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #2c4e64; color: white;">Measure</th> <th style="background-color: #2c4e64; color: white;">Total</th> </tr> </thead> <tbody> <tr> <td>MW reduction</td> <td style="text-align: center;">9,411</td> </tr> </tbody> </table>	Measure	Total	MW reduction	9,411		
Measure	Total						
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Net MWh Savings	Net MW Savings						
Total	Total						
100	51.67						

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Estimated Budget		
		Total
	Incentives	\$696,414
	Marketing	46,364
	Administration	231,818
	EM&V	-
	Total	\$974,596
Cost-Effectiveness		
	Total	
	TRC	17.19

C&I Program

Objective	Promote the installation of energy efficient technologies in all size commercial and industrial businesses. Encourage the purchase and installation of energy efficient equipment by providing incentives to lower the incremental cost.
Target Market	Commercial and industrial customers.
Description	<p>The program provides incentives to lower the cost of purchasing energy efficient equipment for commercial and industrial facilities. The program consists of prescriptive and custom rebates.</p> <p>Prescriptive. Pre-qualified prescriptive rebates are available for new construction and retrofit projects.</p> <p>Custom. Equipment that does not qualify for a prescriptive rebate will be eligible for a custom rebate. Applications must be pre-approved by Liberty before equipment is purchased and installed.</p> <p>A \$250,000 incentive cap is imposed per facility per program year. However, if funds are still available in the last three months of the program year, the cap may be exceeded.</p>
Implementation	<p>Liberty will engage a third-party implementation contractor. The contractor will be responsible for:</p> <ul style="list-style-type: none"> • Processing customer applications for both prescriptive and custom projects, verifying customer and project eligibility (including pre-approval of custom projects), and processing customer rebates. • Conducting QA/QC to verify equipment installation. • Providing customer service support. • Tracking program performance and periodically reporting progress towards program goals and opportunities for improvement. <p>The program will be marketed through partnerships with Liberty trade allies as well as advertisements, email blasts or targeted mailings to customers and contractors, bill inserts, and trade publications. One key barrier to participation is ensuring that enough vendors are properly educated to allow them to actively engage customers. Therefore, Liberty will work closely with trade allies to ensure they understand and promote the program.</p> <p>The measure list and incentive levels may be updated during the program cycle to reflect changes to the market. Incentives will be modified as needed to respond to market prices, with a goal of the incentive being no higher than 50% of the incremental cost. Proper incentives can reduce free ridership while still encouraging customers to participate in the program.</p>

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Eligible Measures and Incentives	Measure	Unit	Incentive per Unit 2025-2026
	Air Cooled Chiller	per unit	\$3,390.00
Water Cooled Chiller	per unit	\$1,560.00	
Room Air Conditioner (12 EER)	per ton	\$20.00	
CAC <65 kBtu	per ton	\$146.00	
CAC 65<135 kBtu	per ton	\$350.00	
CAC 135<240 kBtu	per ton	\$700.00	
CAC 240<760 kBtu	per ton	\$875.00	
CAC ≥760 kBtu	per ton	\$2,275.00	
Heat Pump <65 kBtu	per ton	\$350.00	
Heat Pump 65<135 kBtu	per ton	\$700.00	
Heat Pump 135<240 kBtu	per ton	\$875.00	
Heat Pump ≥240 kBtu	per ton	\$2,275.00	
Packaged Terminal Air Conditioner	per ton	\$30.00	
Packaged Terminal Heat Pump	per ton	\$30.00	
Guest Room Energy Management	per unit	\$125.00	
Variable Speed Drive - HVAC Pump &Cooling Tower Fans	per unit	\$500.00	
Variable Speed Drive - HVAC Supply &Return Fans	per unit	\$500.00	
Demand Controlled Ventilation	per unit	\$600.00	
ENERGY STAR Steamer	per unit	\$750.00	
ENERGY STAR Dishwasher	per unit	\$30.00	
ENERGY STAR Hot Food Holding Cabinets	per unit	\$500.00	
ENERGY STAR Ice Maker (2018)	per unit	\$30.00	
ENERGY STAR Electric Convection Oven	per unit	\$400.00	
ENERGY STAR Electric Fryer	per unit	\$100.00	
ENERGY STAR Electric Griddle	per unit	\$100.00	
Vending Machine	per unit	\$150.00	
Evaporator Fan Control	per unit	\$87.30	
Strip Curtain for Walk-In Cooler/Freezer	per unit	\$64.39	
Night Covers for Open Refrigerated Display Cases	per unit	\$175.00	
Door Heater Controls (freezers or coolers)	per unit	\$125.00	
Refrigeration Economizer	per unit	\$800.00	
Wall Switch Occupancy Sensor	per unit	\$16.50	
Photocell Occupancy Sensor	per unit	\$16.50	
VFD Fans and Blowers	per unit	\$814.80	
Zero-Loss Condensate Drain	per unit	\$73.20	
Compressed Air Nozzle	per unit	\$12.60	
C&I Custom Rebate	per kWh	\$0.10	

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	Large C&I Custom Rebate	per kWh	\$0.10																																																																				
<p>Please note that for planning purposes, average unit sizes and estimated quantities were assumed in the development of incremental costs, incentives and total savings for measures. Actual implementation may vary.</p>																																																																							
Estimated Participation	<table border="1"> <thead> <tr> <th data-bbox="431 537 1013 573">Measure</th> <th data-bbox="1013 537 1300 573">Estimated Quantity</th> </tr> </thead> <tbody> <tr><td data-bbox="431 573 1013 611">Air Cooled Chiller</td><td data-bbox="1013 573 1300 611">20</td></tr> <tr><td data-bbox="431 611 1013 648">Water Cooled Chiller</td><td data-bbox="1013 611 1300 648">6</td></tr> <tr><td data-bbox="431 648 1013 686">Room Air Conditioner (12 EER)</td><td data-bbox="1013 648 1300 686">0</td></tr> <tr><td data-bbox="431 686 1013 724">CAC <65 kBtu</td><td data-bbox="1013 686 1300 724">381</td></tr> <tr><td data-bbox="431 724 1013 762">CAC 65<135 kBtu</td><td data-bbox="1013 724 1300 762">28</td></tr> <tr><td data-bbox="431 762 1013 800">CAC 135<240 kBtu</td><td data-bbox="1013 762 1300 800">40</td></tr> <tr><td data-bbox="431 800 1013 837">CAC 240<760 kBtu</td><td data-bbox="1013 800 1300 837">386</td></tr> <tr><td data-bbox="431 837 1013 875">CAC ≥760 kBtu</td><td data-bbox="1013 837 1300 875">131</td></tr> <tr><td data-bbox="431 875 1013 913">Heat Pump <65 kBtu</td><td data-bbox="1013 875 1300 913">30</td></tr> <tr><td data-bbox="431 913 1013 951">Heat Pump 65<135 kBtu</td><td data-bbox="1013 913 1300 951">50</td></tr> <tr><td data-bbox="431 951 1013 989">Heat Pump 135<240 kBtu</td><td data-bbox="1013 951 1300 989">4</td></tr> <tr><td data-bbox="431 989 1013 1026">Heat Pump ≥240 kBtu</td><td data-bbox="1013 989 1300 1026">6</td></tr> <tr><td data-bbox="431 1026 1013 1064">Packaged Terminal Air Conditioner</td><td data-bbox="1013 1026 1300 1064">10</td></tr> <tr><td data-bbox="431 1064 1013 1102">Packaged Terminal Heat Pump</td><td data-bbox="1013 1064 1300 1102">10</td></tr> <tr><td data-bbox="431 1102 1013 1140">Guest Room Energy Management</td><td data-bbox="1013 1102 1300 1140">50</td></tr> <tr><td data-bbox="431 1140 1013 1178">Variable Speed Drive - HVAC Pump &Cooling Tower Fans</td><td data-bbox="1013 1140 1300 1178">0</td></tr> <tr><td data-bbox="431 1178 1013 1215">Variable Speed Drive - HVAC Supply &Return Fans</td><td data-bbox="1013 1178 1300 1215">0</td></tr> <tr><td data-bbox="431 1215 1013 1253">Demand Controlled Ventilation</td><td data-bbox="1013 1215 1300 1253">6</td></tr> <tr><td data-bbox="431 1253 1013 1291">ENERGY STAR Steamer</td><td data-bbox="1013 1253 1300 1291">24</td></tr> <tr><td data-bbox="431 1291 1013 1329">ENERGY STAR Dishwasher</td><td data-bbox="1013 1291 1300 1329">30</td></tr> <tr><td data-bbox="431 1329 1013 1367">ENERGY STAR Hot Food Holding Cabinets</td><td data-bbox="1013 1329 1300 1367">30</td></tr> <tr><td data-bbox="431 1367 1013 1404">ENERGY STAR Ice Maker (2018)</td><td data-bbox="1013 1367 1300 1404">30</td></tr> <tr><td data-bbox="431 1404 1013 1442">ENERGY STAR Electric Convection Oven</td><td data-bbox="1013 1404 1300 1442">30</td></tr> <tr><td data-bbox="431 1442 1013 1480">ENERGY STAR Electric Fryer</td><td data-bbox="1013 1442 1300 1480">30</td></tr> <tr><td data-bbox="431 1480 1013 1518">ENERGY STAR Electric Griddle</td><td data-bbox="1013 1480 1300 1518">30</td></tr> <tr><td data-bbox="431 1518 1013 1556">Vending Machine</td><td data-bbox="1013 1518 1300 1556">0</td></tr> <tr><td data-bbox="431 1556 1013 1593">Evaporator Fan Control</td><td data-bbox="1013 1556 1300 1593">21</td></tr> <tr><td data-bbox="431 1593 1013 1631">Strip Curtain for Walk-In Cooler/Freezer</td><td data-bbox="1013 1593 1300 1631">30</td></tr> <tr><td data-bbox="431 1631 1013 1669">Night Covers for Open Refrigerated Display Cases</td><td data-bbox="1013 1631 1300 1669">19</td></tr> <tr><td data-bbox="431 1669 1013 1707">Door Heater Controls (freezers or coolers)</td><td data-bbox="1013 1669 1300 1707">30</td></tr> <tr><td data-bbox="431 1707 1013 1745">Refrigeration Economizer</td><td data-bbox="1013 1707 1300 1745">4</td></tr> <tr><td data-bbox="431 1745 1013 1782">Wall Switch Occupancy Sensor</td><td data-bbox="1013 1745 1300 1782">398</td></tr> <tr><td data-bbox="431 1782 1013 1820">Photocell Occupancy Sensor</td><td data-bbox="1013 1782 1300 1820">201</td></tr> </tbody> </table>			Measure	Estimated Quantity	Air Cooled Chiller	20	Water Cooled Chiller	6	Room Air Conditioner (12 EER)	0	CAC <65 kBtu	381	CAC 65<135 kBtu	28	CAC 135<240 kBtu	40	CAC 240<760 kBtu	386	CAC ≥760 kBtu	131	Heat Pump <65 kBtu	30	Heat Pump 65<135 kBtu	50	Heat Pump 135<240 kBtu	4	Heat Pump ≥240 kBtu	6	Packaged Terminal Air Conditioner	10	Packaged Terminal Heat Pump	10	Guest Room Energy Management	50	Variable Speed Drive - 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APPENDIX B: PROGRAM DESCRIPTIONS

	VFD Fans and Blowers	20												
	Zero-Loss Condensate Drain	0												
	Compressed Air Nozzle	18												
	C&I Custom Rebate	69												
	Electronically commutated motors (ECM) for walk-in and reach-in coolers / freezers	11												
<p>Please note that for planning purposes, average unit sizes and estimated quantities were assumed in the development of incremental costs, incentives and total savings for measures. Actual implementation may vary.</p>														
Estimated Savings	<table border="1"> <thead> <tr> <th>Net MWh Savings</th> <th>Net MW Savings</th> </tr> </thead> <tbody> <tr> <td>Total</td> <td>Total</td> </tr> <tr> <td>18,253</td> <td>3.48</td> </tr> </tbody> </table>		Net MWh Savings	Net MW Savings	Total	Total	18,253	3.48						
Net MWh Savings	Net MW Savings													
Total	Total													
18,253	3.48													
Estimated Budget	<table border="1"> <thead> <tr> <th>Budget Category</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Incentives</td> <td>\$3,465,366</td> </tr> <tr> <td>Marketing</td> <td>50,750</td> </tr> <tr> <td>Administration</td> <td>609,000</td> </tr> <tr> <td>EM&V</td> <td>-</td> </tr> <tr> <td>Total</td> <td>4,125,116</td> </tr> </tbody> </table>		Budget Category	Total	Incentives	\$3,465,366	Marketing	50,750	Administration	609,000	EM&V	-	Total	4,125,116
Budget Category	Total													
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Cost-Effectiveness	<table border="1"> <thead> <tr> <th>Test</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>TRC</td> <td>1.37</td> </tr> </tbody> </table>		Test	Total	TRC	1.37								
Test	Total													
TRC	1.37													

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY
MEEIA CYCLE 2 APPLICATION
Case No. EO-2025-0124
APPENDIX C: MEEIA CYCLE 2 MEASURE LIST

Sector	Sub-Sector	Energy Avoided Cost Load Shape	Capacity Avoided Cost Load Shape	Program ID	Program Name	Measure Name	Unit Name	Incentive			Total Number of Measures	Annual kWh Savings	Annual kW Coincident	Annual kW Coincident	
								Unit Cost	Year 1	Year 2			Year 3	Summer Peak Savings	Winter Peak Savings
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	1	Thermostats	Learning Thermostat - Unknown	per unit	\$50.00	3,000	3,089	3,181	9,270	1276.6	0.18	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	2	Smart Thermostat Demand Response - Res	Smart Thermostat - New Customer	per unit	\$80.00	1,156	1,191	1,227	3,574	0.0	1.63	1.63
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	2	Smart Thermostat Demand Response - Res	Smart Thermostat - Recurring Customer	per unit	\$20.00	376	387	399	1,162	0.0	1.63	1.63
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	AC Tune-up / Refrigerant charge SF	per measure	\$225.00	0	0	0	0	591.4	0.00	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Advanced Tier 1 Power Strips / DI - Home Weatherization Entertainment	per measure	\$30.00	108	111	0	219	71.4	0.01	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Advanced Tier 2 Power Strips: Infrared, DI	per measure	\$75.00	0	0	0	0	177.1	0.02	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Air Sealing (Infiltration reduction) - 30% SF Weatherization IE DI electric furnace base	Units (sq. ft)	\$0.72	84,000	86,520	0	170,520	0.4	0.00	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Air Sealing (Infiltration reduction) - 30% SF Weatherization IE DI Gas furnace base	Units (sq. ft)	\$0.72	0	0	0	0	0.1	0.00	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Air Sealing (Infiltration reduction) - 30% SF Weatherization IE DI Gas furnace base - AMO Split	Units (sq. ft)	\$0.72	196,000	201,880	0	397,880	0.1	0.00	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Air Sealing (Infiltration reduction) - 30% SF Weatherization IE DI heat pump base	Units (sq. ft)	\$0.72	0	0	0	0	0.3	0.00	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Ceiling Insulation R11-R49 SF IE DI electric furnace base	Units - area of ceiling/attic	\$1.98	0	0	0	0	0.9	0.00	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Ceiling Insulation R11-R49 SF IE DI gas heat electric cool base	Units - area of ceiling/attic	\$1.98	0	0	0	0	0.1	0.00	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Ceiling Insulation R11-R49 SF IE DI gas heat electric cool base - AMO Split	Units - area of ceiling/attic	\$1.98	0	0	0	0	0.1	0.00	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Ceiling Insulation R11-R49 SF IE DI heat pump base	Units - area of ceiling/attic	\$1.98	0	0	0	0	0.6	0.00	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Ceiling Insulation R5-R38 SF IE DI electric furnace base	Units - area of ceiling/attic	\$1.98	53,000	54,590	0	107,590	1.6	0.00	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Ceiling Insulation R5-R38 SF IE DI gas heat electric cool base	Units - area of ceiling/attic	\$1.98	66,625	68,624	0	135,249	0.2	0.00	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Ceiling Insulation R5-R38 SF IE DI gas heat electric cool base - AMO Split	Units - area of ceiling/attic	\$1.98	0	0	0	0	0.2	0.00	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Ceiling Insulation R5-R38 SF IE DI heat pump base	Units - area of ceiling/attic	\$1.98	0	0	0	0	1.1	0.00	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Dirty Filter Alarm_MFIE	per measure	\$6.67	0	0	0	0	68.5	0.03	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	LED - 10.5W Downlight E26 IE DI	per measure	\$8.36	0	0	0	0	44.6	0.01	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	LED - 10W (750-899 lumens) IEDI	per measure	\$7.89	648	667	0	1,315	22.2	0.00	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	LED - 12W (Replacing CFL) IEDI Retired Measure	per measure	\$8.59	0	0	0	0	58.3	0.01	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	LED - 12W Dimmable Light Bulb IE DI	per measure	\$7.87	0	0	0	0	58.3	0.01	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	LED - 15W (900-1399 lumens) IEDI	per measure	\$7.99	0	0	0	0	27.8	0.00	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	LED - 15W Flood Light PAR30 Bulb IE DI	per measure	\$12.59	0	0	0	0	69.5	0.01	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	LED - 18W Flood Light PAR38 Bulb IE DI	per measure	\$13.86	0	0	0	0	87.2	0.01	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	LED - 20W (1400-1999 lumens) IEDI	per measure	\$9.34	0	0	0	0	37.4	0.01	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	LED - 4W Candelabra Specialty IE DI	per measure	\$8.33	324	334	0	658	23.3	0.00	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	LED - 8W Globe Light G25 Bulb Specialty IE DI	per measure	\$12.99	0	0	0	0	61.0	0.01	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Low Flow Bathroom Faucet Aerator SFIE DI	per measure	\$6.78	216	222	0	438	40.6	0.00	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Low Flow Kitchen Faucet Aerator SFIE DI	per measure	\$8.34	113	116	0	229	121.2	0.01	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Low Flow Handheld Showerhead SFIE DI	per measure	\$24.75	0	0	0	0	207.7	0.02	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Low Flow Showerhead SFIE DI	per measure	\$16.61	113	116	0	229	207.7	0.02	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Pipe Insulation SFIE DI	per foot	\$5.91	324	334	0	658	4.6	0.00	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Dirty Filter Alarm_SF - IE Kits	per measure	\$0.00	0	0	0	0	65.5	0.03	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Dirty Filter Alarm_MFIE	per measure	\$6.67	0	0	0	0	68.5	0.03	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Low Flow Bathroom Faucet Aerator SFIE DI	per measure	\$6.78	0	0	0	0	40.6	0.00	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Low Flow Showerhead SFIE DI	per measure	\$16.61	0	0	0	0	207.7	0.02	0
Residential	Residential	Residential (\$/kWh)	Residential (\$/kW)	3	Low Income	Pipe Insulation SFIE DI	per foot	\$5.91	0	0	0	0	4.6	0.00	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Air Cooled Chiller	per unit	\$3,390.00	10	10	0	6	19809.8	21.70	0

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

MEEIA CYCLE 2 APPLICATION

Case No. EO-2025-0124

APPENDIX C: MEEIA CYCLE 2 MEASURE LIST

Sector	Sub-Sector	Energy Avoided Cost Load Shape	Capacity Avoided Cost Load Shape	Program ID	Program Name	Measure Name	Unit Name	Incentive Unit Cost	Year 1	Year 2	Year 3	Total Number of Measures	Annual kWh Savings	Annual kW Coincident	Annual kW Coincident
														Summer Peak Savings	Winter Peak Savings
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Water Cooled Chiller	per unit	\$1,560.00	3	3		6	6851.5	5.54	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Room Air Conditioner (12 EER)	per ton	\$20.00	0	0		0	25.5	0.09	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	CAC <65 kBtu	per ton	\$146.00	180	201		381	101.6	0.17	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	CAC 65<135 kBtu	per ton	\$350.00	12	16		28	44.9	0.06	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	CAC 135<240 kBtu	per ton	\$700.00	20	20		40	77.9	0.09	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	CAC 240<760 kBtu	per ton	\$875.00	180	206		386	139.7	0.16	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	CAC ≥760 kBtu	per ton	\$2,275.00	66	65		131	296.3	0.32	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Heat Pump <65 kBtu	per ton	\$350.00	15	15		30	280.0	0.06	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Heat Pump 65<135 kBtu	per ton	\$700.00	25	25		50	179.1	0.03	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Heat Pump 135<240 kBtu	per ton	\$875.00	2	2		4	223.4	0.07	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Heat Pump ≥240 kBtu	per ton	\$2,275.00	3	3		6	300.7	0.14	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Packaged Terminal Air Conditioner	per ton	\$30.00	5	5		10	60.7	0.06	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Packaged Terminal Heat Pump	per ton	\$30.00	5	5		10	592.5	0.14	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Guest Room Energy Management	per unit	\$125.00	25	25		50	744.0	0.08	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Variable Speed Drive - HVAC Pump &Cooling Tower Fans	per unit	\$500.00	0	0		0	845.5	0.00	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Variable Speed Drive - HVAC Supply &Return Fans	per unit	\$500.00	0	0		0	4383.9	0.00	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Demand Controlled Ventilation	per unit	\$600.00	3	3		6	4283.6	0.59	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	ENERGY STAR Steamer	per unit	\$750.00	12	12		24	7796.3	1.50	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	ENERGY STAR Dishwasher	per unit	\$30.00	15	15		30	2159.8	0.28	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	ENERGY STAR Hot Food Holding Cabinets	per unit	\$500.00	15	15		30	3942.0	0.29	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	ENERGY STAR Ice Maker (2018)	per unit	\$30.00	15	15		30	629.6	0.07	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	ENERGY STAR Electric Convection Oven	per unit	\$400.00	15	15		30	2083.1	0.40	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	ENERGY STAR Electric Fryer	per unit	\$100.00	15	15		30	1934.2	0.37	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Vending Machine	per unit	\$150.00	0	0		0	95.3	0.00	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Evaporator Fan Control	per unit	\$87.30	11	10		21	1901.8	0.22	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Strip Curtain for Walk-In Cooler/Freezer	per unit	\$64.39	15	15		30	666.2	1.60	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Night Covers for Open Refrigerated Display Cases	per unit	\$175.00	10	9		19	182.0	0.00	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Door Heater Controls (freezers or coolers)	per unit	\$125.00	16	14		30	219.0	0.00	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Refrigeration Economizer	per unit	\$800.00	2	2		4	1128.3	0.13	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Wall Switch Occupancy Sensor	per unit	\$16.50	199	199		398	73.6	0.06	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Photocell Occupancy Sensor	per unit	\$16.50	101	100		0	94.9	0.03	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	VFD Fans and Blowers	per unit	\$814.80	10	10		0	9493.8	1.48	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Zero-Loss Condensate Drain	per unit	\$73.20	0	0		0	1969.7	0.30	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Compressed Air Nozzle	per unit	\$12.60	10	8		0	449.0	0.07	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	C&I Custom Rebate	per unit	\$36,113.53	34	35		0	330862.3	54.92	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Automatic Door Closer Walk-in Cooler	per unit		0	0		0	2399.0	0.62	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Automatic Door Closer Walk-in Freezer	per unit		0	0		0	6949.0	1.30	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Beverage and Snack Machine Controls	per unit		0	0		0	370.0	0.00	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Electronically commutated motors (ECM) for walk-in and reach-in coolers / freezers	per unit	\$75.00	5	6		0	1586.0	0.18	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Q-sync motors for coolers/freezers replace Shaded Pole 9-12W	per unit		0	0		0	412.1	0.00	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Variable speed drive for condenser fans	per fan		0	0		0	1480.0	0.00	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Q-sync motors for coolers/freezers replace Shaded Pole 38-50W	per unit		0	0		0	1020.4	0.12	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Q-sync motors for coolers/freezers replace ECM 9-12W	per unit		0	0		0	76.0	0.00	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Q-sync motors for coolers/freezers replace PSC 38-50W	per unit		0	0		0	365.8	0.03	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Add doors to open refrigerated display cases	per linear feet		0	0		0	701.3	0.04	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Combination Oven	per unit		0	0		0	6439.8	1.47	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	ENERGY STAR Griddle	per unit	\$100.00	15	0		0	1910.4	0.37	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Low Flow Faucet Aerator_Kitchen	per unit		0	0		0	577.7	0.18	0
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Low Flow Faucet Aerator_Bath	per unit		0	0		0	481.8	0.15	0

TTHE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY
MEEIA CYCLE 2 APPLICATION
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Sector	Sub-Sector	Energy Avoided Cost Load Shape	Capacity Avoided Cost Load Shape	Program ID	Program Name	Measure Name	Unit Name	Incentive			Total Number of Measures	Annual kWh Savings	Annual kW Coincident	Annual kW Coincident	
								Unit Cost	Year 1	Year 2			Year 3	Summer Peak Savings	Winter Peak Savings
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Low Flow Showerhead	per unit	0	0	0	0	429.3	0.13	0	
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Water Heater pipe insulation	per unit	0	0	0	0	14.0	0.00	0	
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	ENERGY STAR Solid Door Refrigerator (0 to >=50 ft3)	per unit	0	0	0	0	314.0	0.04	0	
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	ENERGY STAR Solid Door Freezer (0 to >=50 ft3)	per unit	0	0	0	0	546.5	0.06	0	
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Zero Energy Doors Freezer	per door	0	0	0	0	2919.0	0.33	0	
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Zero Energy Doors Cooler	per door	0	0	0	0	1360.0	0.16	0	
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Packaged RTU Sealing	per ton	0	0	0	0	46.8	0.04	0	
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	4	C&I Rebate Program	Energy Star Residential Heat Pump Water Heater ≤ 55 gal, UEF ≥ 3.3	per unit	0	0	0	0	4131.3	0.59	0	
Non-Residential	Commercial	Commercial (\$/kWh)	Commercial (\$/kW)	5	Demand Response - C&I	C&I Demand reduction	per unit	\$74.00	3,045	3,136	3,230	9,411	13.3	6.85	0

NOTICE OF FILING REGARDING LIBERTY-EMPIRE'S NEW ENERGY EFFICIENCY PROGRAMS

On January 31, 2025, The Empire District Electric Company (doing business as Liberty) filed a portfolio of energy efficiency customer programs under the legislative and regulatory framework known as the Missouri Energy Efficiency Investment Act ("MEEIA"). This portfolio represents an increased investment in offering energy efficiency programs, which help lower energy consumption and improve the quality of the homes and lives of its residential, commercial, and industrial retail customers.

Liberty's MEEIA Cycle 2 Portfolio will replace the existing MEEIA Cycle 1 programs. The portfolio will include the Residential and Commercial energy efficiency and demand response programs as follows:

- Smart Thermostats
 - Allows customers to purchase qualifying smart thermostats at a discounted rate through an online marketplace.
- Residential Demand Response
 - Provides enrolled customers the opportunity to receive incentives for participation in peak events.
- Low Income Weatherization
 - Provides additional funding for the weatherization of single-family housing units occupied by income qualified customers.
- Commercial and Industrial Rebates
 - Allows commercial and industrial customers of all sizes to receive prescriptive and custom rebates for the installation of energy efficiency measures.
- Commercial and Industrial Demand Response
 - Allows enrolled customers to receive incentives for reducing building level demand during peak events.

These programs will be funded by the Energy Efficiency Investment Charge ("EEIC") appearing on customer bills as Energy Efficiency Investment. The EEIC is comprised of three items:

- Program Costs – The combined costs for administration, delivery, and customer incentives of the programs.
- Throughput Disincentive – Reimbursement to the Company for the reduced energy sales created by the energy efficiency programs.
- Earnings Opportunity – An incentive paid to the utility for successful implementation and achievement of energy savings and customer participation goals set by the Missouri Public Service under the provision of the MEEIA Rule.

These three factors will be combined and allocated between residential and non-residential classes and divided by the retail sales projected for their respective customer sectors. This creates the per-kWh factor charged on customer bills as the Energy Efficiency Investment.

P.S.C. Mo. No. 6 Sec. A 3rd Revised Sheet No. 1

Canceling P.S.C. Mo. No. 6 Sec. A 2nd Revised Sheet No. 1

For ALL TERRITORY

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For ALL TERRITORY

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P.S.C. Mo. No. 6 Sec. 4 6th Revised Sheet No. 21Canceling P.S.C. Mo. No. 6 Sec. 4 5th Revised Sheet No. 21For ALL TERRITORY

DEMAND-SIDE INVESTMENT MECHANISM RIDER SCHEDULE DSIM For MEEIA Cycle 2 Plan

APPLICABILITY

This rider is applicable to all non-lighting kilowatt-hours (kWh) of energy supplied to customers under the Company's retail rate schedules, excluding kWh of energy supplied to "opt-out" customers. The Demand Side Investment Mechanism (DSIM) Rider will be calculated and applied separately to the following rate classes: (1) Residential Service (NS-RG, TC-RG, TP-RG) and (2) non-Residential Service, which includes: (a) Small General Service (NS-GS, TC-GS and TP-GS), (b) Large General Service (NS-LG and TC-LG), (c) Small Primary Service (NS-SP and TC-SP), (d) Large Power Service (LP) and (e) Transmission Service (TS).

Charges in this DSIM Rider reflect costs associated with implementation of the Missouri Energy Efficiency Investment Act (MEEIA) Cycle 2 Plan and any remaining unrecovered costs from prior MEEIA Cycle Plans or other approved energy efficiency plans. Those costs include:

- 1) Program Costs, Throughput Disincentive (TD), and Earnings Opportunity Award (EO) (if any) for the MEEIA Cycle 2 Plan, as well as Program Costs, TD and EO for commission approved business program projects completed for prior MEEIA Cycle Plans and any earned Earnings Opportunity earned (and ordered) attributable to prior MEEIA Cycle Plans.
- 2) Reconciliations, with interest, to true-up for differences between the revenues billed under this DSIM Rider and total actual monthly amounts for:
 - i. Program Costs incurred in Cycle 2 and/or remaining unrecovered amounts for prior MEEIA Cycle Plans or other approved energy efficiency plans.
 - ii. TD incurred in Cycle 2, and/or remaining unrecovered amounts for prior MEEIA Cycle Plans.
 - iii. Amortization of any Earnings Opportunity Award (EO) ordered by the Missouri Public Service Commission (Commission), and/or remaining true-ups or unrecovered amounts for prior MEEIA Cycle Plans.
- 3) Any Ordered Adjustments. Charges under this DSIM Rider shall continue after the anticipated plan period of MEEIA Cycle 2 until such time as the costs described in items 1) and 2) above have been billed.

Charges arising from the MEEIA Cycle 2 Plan that are the subject of this DSIM Rider shall be reflected in one "DSIM Charge" on customers' bills in combination with any charges arising from a rider that is applicable to post-MEEIA Cycle 2 Plan demand-side management programs approved under the MEEIA. This will include any unrecovered amounts for Program Costs, unrecovered TD from prior MEEIA Cycle Plans, and any Earnings Opportunity, etc. earned / remaining from prior MEEIA Cycle Plans.

DEFINITIONS

As used in this DSIM Rider, the following definitions shall apply:

"Cycle 2 Earnings Opportunity" (EO) means the annual incentive ordered by the Commission based on actual incentive spending in the EO table, Application Appendix H in Case No. EO-2025-0124. The Company's EO for Cycle 2 will be \$952,380 if 100% achievement of the planned targets are met. EO is capped at \$ 1,025,834. Potential Earnings Opportunity is described on Sheet No. 1. The Earnings Opportunity Matrix outlining the payout rates, weightings, and caps can be found at Sheet No. 1.

P.S.C. Mo. No. 6 Sec. 4 4th Revised Sheet No. 21aCanceling P.S.C. Mo. No. 6 Sec. 4 3rd Revised Sheet No. 21aFor ALL TERRITORY

DEMAND-SIDE INVESTMENT MECHANISM RIDER SCHEDULE DSIM For MEEIA Cycle 2 Plan

"Deemed Savings Table" means a list of Measures derived from the Company's TRM or cost effectiveness analysis that quantifies gross energy and demand savings associated with Company-specific Measure parameters where available, as outlined in Application Appendix C to the MEEIA Cycle 2 Plan in Case No. EO-2025-0124.

"Effective Period" (EP) means the billing months for which the approved DSIM is to be effective, i.e., the 21 billing months beginning with the April billing month of 2025 and ending with the December billing month of 2026.

"Evaluation Measurement & Verification" (EM&V) means the performance of studies and activities intended to evaluate the process of the Company's Program delivery and oversight and to estimate and/or verify the estimated actual energy and demand savings, cost effectiveness, and other effects from demand-side Programs

"Incentive" means any consideration provided by the Company, including, but not limited to, buy downs, markdowns, rebates, bill credits, payments to third parties, direct installation, giveaways, and education, which encourages the adoption of Program Measures.

"Measure" means the Energy Efficiency measures described for each program in the Application Appendix C to the MEEIA Cycle 2 Plan in Case No. EO-2025-0124.

"MEEIA Cycle 2 Plan" consists of the demand-side programs and the DSIM described in the MEEIA Cycle 2 Filing, which became effective following Commission order and approval of the MEEIA Cycle 2 Plan under EO-2025-0124.

"Programs" means MEEIA Cycle 2 programs listed in Tariff Sheet Nos. 29 through 29I and added in accordance with the Commission's rule 20 CSR 4240-20.094(4).

"Program Costs" means any prudently incurred program expenditures, including such items as program planning, program design; administration; delivery; end-use measures and incentive payments; advertising expense; evaluation, measurement, and verification; market potential studies; and work on a statewide initiatives.

"Short-Term Borrowing Rate" means a rate equal to the weighted average interest paid on the Company's short-term debt during the month.

"Throughput Disincentive" (TD) means the utility's lost margins associated with the successful implementation of the MEEIA programs. The detailed methodology for calculating the TD is described beginning in Tariff Sheet No.21c.

"TRM" means the Technical Resource Manuals utilized to estimate the savings for the measures included in the DSM portfolio.

DETERMINATION OF DSIM RATES

The DSIM during the applicable EP is a dollar per kWh rate for each applicable Service Classification calculated as follows:

P.S.C. Mo. No. 6 Sec. 4 4th Revised Sheet No. 21bCanceling P.S.C. Mo. No. 6 Sec. 4 3rd Revised Sheet No. 21bFor ALL TERRITORY

DEMAND-SIDE INVESTMENT MECHANISM RIDER SCHEDULE DSIM For MEEIA Cycle 2 Plan

$$\text{DSIM} = [\text{NPC} + \text{NTD} + \text{NEO} + \text{NOA}] / \text{PE}$$

Where:

NPC = Net Program Costs for the applicable EP as defined below,

$$\text{NPC} = \text{PPC} + \text{PCR}$$

PPC = Projected Program Costs is an amount equal to Program Costs projected by the Company to be incurred during the applicable EP.

PCR = Program Costs Reconciliation is equal to the cumulative difference, if any, between the NPC revenues billed resulting from the application of the DSIM through the end of the previous EP and the actual Program Costs incurred through the end of the previous EP (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest on cumulative over- or under-balances at the Company's monthly Short-Term Borrowing Rate.

NTD = Net Throughput Disincentive for the applicable EP as defined below,

$$\text{NTD} = \text{PTD} + \text{TDR}$$

PTD = Projected Throughput Disincentive is the Company's TD projected by the Company to be incurred during the applicable EP. For the detailed method for calculating the TD, see The MEEIA Cycle 2 Plan.

TDR = Throughput Disincentive Reconciliation is equal to the cumulative difference, if any, between the NTD revenues billed during the previous EP resulting from the application of the DSIM and the Company's TD through the end of the previous EP calculated pursuant to the MEEIA Cycle 2 application, as applicable (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest on cumulative over- or under- balances at the Company's monthly Short-Term Borrowing Rate.

NEO = Net Earnings Opportunity for the applicable EP as defined below,

$$\text{NEO} = \text{EO} + \text{EOR}$$

EO = Earnings Opportunity is equal to the Earnings Opportunity Award monthly amortization multiplied by the number of billing months in the applicable EP, plus the succeeding EP. MEEIA Cycle 2 monthly amortization shall be determined by dividing the Earnings Opportunity Award by the number of billing months from the billing month of the first DSIM after the determination of the annual Earnings Opportunity Award and 12 calendar months following that first billing month.

EOR = Earnings Opportunity Reconciliation is equal to the cumulative difference, if any, between the NEO revenues billed during the previous EP resulting from the application of the DSIM and the monthly amortization of the EO Award through the end of the previous EP (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest on cumulative over- or under- balances at the Company's monthly Short-Term Borrowing Rate.

For ALL TERRITORY

DEMAND-SIDE INVESTMENT MECHANISM RIDER
 SCHEDULE DSIM
 For MEEIA Cycle 2 Plan

NOA = Net Ordered Adjustment for the applicable EP as defined below,

$$NOA = OA + OAR$$

OA = Ordered Adjustment is the amount of any adjustment to the DSIM ordered by the Commission as a result of prudence reviews and/or corrections under this Rider DSIM. Such amounts shall include monthly interest at the Company's monthly short-term borrowing rate.

OAR = Ordered Adjustment Reconciliation is equal to the cumulative difference, if any, between the NOA revenues billed during the previous EP resulting from the application of the DSIM and the actual OA ordered by the Commission through the end of the previous EP (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest on cumulative over- or under-balances at the Company's monthly Short-Term Borrowing Rate.

PE = Projected Energy, in kWh, forecasted to be delivered to the customers to which the Rider DSIM applies during the applicable EP.

The DSIM components and total DSIM applicable to the individual Service Classifications shall be rounded to the nearest \$0.00001.

Allocation of MEEIA Cycle 2 Program Costs, TD and EO for each rate schedule for the MEEIA Cycle 2 Plan will be allocated as outlined in EO-2025-0124.

This Rider DSIM shall not be applicable to customers that have satisfied the opt-out provisions contained in Section 393.1075.7, RSMo or the low-income exemption provisions described herein.

CALCULATION OF TD:

Monthly Throughput Disincentive = the sum of the Throughput Disincentive Calculation for all programs applicable to (1) Residential Service (NS-RG, TC-RG, TP-RG); (2) Small General Service (NS-GS, TC-GS and TP-GS), (3) Large General Service (NS-LG and TC-LG), (4) Small Primary Service (NS-SP and TC-SP); (5) Large Power Service (LP); and (6) Transmission Service (TS).

The TD for each Service Classification shall be determined by the following formula:

$$TD = [MS \times TBR \times NTGF]$$

Where:

TD = Throughput Disincentive, in dollars, to be collected for a given month, for a given Service Classification.

MS = Monthly Savings, is the sum of all Programs' monthly savings, in kWh, for a given month, for a given Service Classification.

TBR = Tail Block Rate less the Base Factor. Applicable monthly Tail Block Rate for each applicable Service Classification less the Base Factor embedded in the Tail Block Rate as reported in the Fuel and Purchase Power Adjustment Clause.

P.S.C. Mo. No. 6 Sec. 4 5th Revised Sheet No. 21dCanceling P.S.C. Mo. No. 6 Sec. 4 4th Revised Sheet No. 21dFor ALL TERRITORY

DEMAND-SIDE INVESTMENT MECHANISM RIDER SCHEDULE DSIM For MEEIA Cycle 2 Plan

NTGF = Net-To-Gross Factor. For the EP, all TD calculations will assume a NTGF of 0.825 for residential and 0.7 for non-residential until such time as a NTGF is determined through EM&V for that EP. Thereafter, for each given EP, the NTGF determined through EM&V will be used prospectively starting with the month in which the Earnings Opportunity Award is determined.

MS = The sum of all Programs' Monthly Savings in kWh, for a given month, for a given class. The Monthly Savings in kWh for each Program shall be determined by the formula:

$$MS = (MAS_{CM} + CAS_{PM} - RB) \times LS + HER$$

RB = Rebasing Adjustment. The Rebasing Adjustment shall equal the CAS applicable as of the date used for the MEEIA normalization in any general rate case resulting in new rates becoming effective during the accrual and collection of TD\$ pursuant to MEEIA Cycle 2. In the event more than one general rate case resulting in new rates becoming effective during the accrual and collection of TD\$ pursuant to MEEIA Cycle 2, the Rebasing Adjustment shall include each and every prior Rebasing Adjustment calculation.

LS = Load Shape. The Load Shape is the monthly load shape percent for each program.

MC = Measure Count. Measure Count, for a given month, for a given class, for each measure is the number of each measure installed in the current calendar month.

ME = Measure Energy. Measure Energy will be determined as follows, for each Measure:

- i. For Measures not listed under those programs listed in Liberty's MEEIA Cycle 2 Plan, the ME is the annual total of normalized savings for each measure at customer meter per measure defined in the TRM or in the cost-effectiveness analysis.
- ii. For Measures in MEEIA Cycle 2 programs, the ME will be the annual value attributable to the installations reported monthly by the program implementer.

MAS = The sum of MC multiplied by ME for all measures in a program in the current calendar month.

CAS = Cumulative sum of MAS for each program for MEEIA Cycle 2.

CM = Current Calendar month

PM = Prior calendar month

HER = Monthly kWh savings for the Home Energy Reports and Income-Eligible Home Energy Reports programs measured and reported monthly by the program implementer.

P.S.C. Mo. No. 6 Sec. 4 6th Revised Sheet No. 21eCanceling P.S.C. Mo. No. 6 Sec. 4 5th Revised Sheet No. 21eFor ALL TERRITORY

DEMAND-SIDE INVESTMENT MECHANISM RIDER SCHEDULE DSIM For MEEIA Cycle 2 Plan

EARNINGS OPPORTUNITY AWARD DETERMINATION

The MEEIA Cycle 2 EO Award shall be calculated using the matrix in the MEEIA Cycle 2 Plan. The cumulative EO will not go below \$0. The EO target at 100% is \$ \$952,380. The EO cannot go above \$1,025,834. The cap is based on current program levels. If Commission-approved new programs are added during the EP and any program plan modifications through 2027, the Company may seek Commission approval to have the targets for the cap of the EO scale proportionately to the spending and participation targets.

FILING

After the initial DSIM Rider rate adjustment filing, the Company shall make a DSIM Rider rate adjustment filing at least annually under the Term of this MEEIA Rider. DSIM Rider rate adjustment filings shall be made at least sixty (60) days prior to their effective dates.

PRUDENCE REVIEWS

A prudence review shall be conducted no less frequently than at twenty-four (24) month intervals in accordance with 20 CSR 4240-20.093(11). Any costs, which are determined by the Commission to have been imprudently incurred or incurred in violation of the terms of this DSIM Rider, shall be returned to customers through an adjustment in the next DSIM Rider rate adjustment filing and reflected in factor OA above.

DISCONTINUING THE DSIM

The Company reserves the right to discontinue the entire MEEIA Cycle 2 portfolio, if the Company determines that implementation of such programs is no longer reasonable due to changed factors or circumstances that have materially and negatively impacted the economic viability of such programs as determined by the Company, upon no less than thirty days' notice to the Commission. As a result of these changes, the Company may file to discontinue this DSIM. Similar to Program discontinuance, the Company would file a notice indicating that it is discontinuing the DSIM Rider. This notice would include a methodology for recovery of any unrecovered Program Costs, TD and EO.

P.S.C. Mo. No. 6 Sec. 4 7th Revised Sheet No. 21f

Canceling P.S.C. Mo. No. 6 Sec. 4 6th Revised Sheet No. 21f

For ALL TERRITORY

DEMAND-SIDE INVESTMENT MECHANISM RIDER
 SCHEDULE DSIM
 For MEEIA Cycle 2 Plan

DEMAND SIDE INVESTMENT MECHANISM CHARGE

As approved in Commission Case No. EO-2025-0124, MEEIA Cycle 2 Filing.

MEEIA DSIM Components
 (MEEIA Cycle 2 Plan)

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)	Total DSIM (\$/kWh)
Residential Service	\$0.00032	\$0.00050	\$0.00005	-	\$0.00087
Non-Residential Service	\$0.00177	\$0.00090	\$0.00005	-	\$0.00272

P.S.C. Mo. No. 6 Sec. 4 ~~5th~~6th Revised Sheet No. 21Canceling P.S.C. Mo. No. 6 Sec. 4 ~~45th~~ Revised Sheet No. 21For ALL TERRITORY

DEMAND-SIDE INVESTMENT MECHANISM RIDER SCHEDULE DSIM For MEEIA Cycle 42 Plan

APPLICABILITY

This rider is applicable to all non-lighting kilowatt-hours (kWh) of energy supplied to customers under the Company's retail rate schedules, excluding kWh of energy supplied to "opt-out" customers. The Demand Side Investment Mechanism (DSIM) Rider will be calculated and applied separately to the following rate classes: (1) Residential Service (NS-RG, TC-RG, TP-RG) and (2) non-Residential Service, which includes: (a) Small General Service (NS-GS, TC-GS and TP-GS), (b) Large General Service (NS-LG and TC-LG), (c) Small Primary Service (NS-SP and TC-SP), (d) Large Power Service (LP) and (e) Transmission Service (TS).

Charges in this DSIM Rider reflect costs associated with implementation of the Missouri Energy Efficiency Investment Act (MEEIA) Cycle ~~42~~ Plan and any remaining unrecovered costs from prior MEEIA Cycle Plans or other approved energy efficiency plans. Those costs include:

- 1) Program Costs, Throughput Disincentive (TD), and Earnings Opportunity Award (EO) (if any) for the MEEIA Cycle ~~42~~ Plan, as well as Program Costs, TD and EO for commission approved business program projects completed for prior MEEIA Cycle Plans and any earned Earnings Opportunity earned (and ordered) attributable to prior MEEIA Cycle Plans.
- 2) Reconciliations, with interest, to true-up for differences between the revenues billed under this DSIM Rider and total actual monthly amounts for:
 - i. Program Costs incurred in Cycle ~~42~~ and/or remaining unrecovered amounts for prior MEEIA Cycle Plans or other approved energy efficiency plans.
 - ii. TD incurred in Cycle ~~42~~, and/or remaining unrecovered amounts for prior MEEIA Cycle Plans.
 - iii. Amortization of any Earnings Opportunity Award (EO) ordered by the Missouri Public Service Commission (Commission), and/or remaining true-ups or unrecovered amounts for prior MEEIA Cycle Plans.
- 3) Any Ordered Adjustments. Charges under this DSIM Rider shall continue after the anticipated ~~12-month~~ plan period of MEEIA Cycle ~~42~~ until such time as the costs described in items 1) and 2) above have been billed.

Charges arising from the MEEIA Cycle ~~42~~ Plan that are the subject of this DSIM Rider shall be reflected in one "DSIM Charge" on customers' bills in combination with any charges arising from a rider that is applicable to post-MEEIA Cycle ~~42~~ Plan demand-side management programs approved under the MEEIA. This will include any unrecovered amounts for Program Costs, unrecovered TD from prior MEEIA Cycle Plans, and any Earnings Opportunity, etc. earned / remaining from prior MEEIA Cycle Plans.

DEFINITIONS

As used in this DSIM Rider, the following definitions shall apply:

"Cycle ~~24~~ Earnings Opportunity" (EO) means the annual incentive ordered by the Commission based on actual ~~incentive~~ spending, ~~participation targets and additional metrics defined~~ in the EO table, ~~Application Appendix H in Case No. EO-2025-0124F to Exhibit KD-4~~. The Company's EO for Cycle ~~2~~ will be ~~\$952,380,369,289~~ if 100% achievement of the planned targets are met. EO is capped at \$ ~~1,025,834,480,076~~. Potential Earnings Opportunity ~~is adjustments are~~ described on Sheet No. 1. The Earnings Opportunity Matrix outlining the payout rates, weightings, and caps can be found at Sheet No. 1.

DATE OF ISSUE ~~December 13,~~ 2024 January 31, 2025 DATE EFFECTIVE ~~January 12, 2025~~ April 1, 2025

ISSUED BY Cindy Wilson, Director of Rates and Regulatory Affairs, JOPLIN, MO

P.S.C. Mo. No. 6 Sec. 4 ~~3rd~~4th Revised Sheet No. 21aCanceling P.S.C. Mo. No. 6 Sec. 4 ~~2nd~~3rd Revised Sheet No. 21aFor ALL TERRITORY

DEMAND-SIDE INVESTMENT MECHANISM RIDER SCHEDULE DSIM For MEEIA Cycle <u>24</u> Plan

"Deemed Savings Table" means a list of Measures derived from the Company's TRM or cost effectiveness analysis that quantifies gross energy and demand savings associated with Company-specific Measure parameters where available, as outlined in [Application Appendix BC](#) to the MEEIA Cycle 42 Plan [in Case No. EO-2025-0124](#).

"Effective Period" (EP) means the billing months for which the approved DSIM is to be effective, i.e., the ~~4221~~ billing months beginning with the ~~January~~April billing month of 20245 and ending with the December billing month of 20264.

"Evaluation Measurement & Verification" (EM&V) means the performance of studies and activities intended to evaluate the process of the Company's Program delivery and oversight and to estimate and/or verify the estimated actual energy and demand savings, cost effectiveness, and other effects from demand-side Programs.

"Incentive" means any consideration provided by the Company, including, but not limited to, buy downs, markdowns, rebates, bill credits, payments to third parties, direct installation, giveaways, and education, which encourages the adoption of Program Measures.

"Measure" means the Energy Efficiency measures described for each program in the [Application Appendix C](#) to the MEEIA Cycle 24 Plan [in Case No. EO-2025-0124](#).

"MEEIA Cycle 24 Plan" consists of the demand-side programs and the DSIM described in the MEEIA Cycle 42 Filing, which became effective following Commission order and approval of the MEEIA Cycle 42 Plan under ~~EO-2022-0078~~ [EO-2025-0124](#).

"Programs" means MEEIA Cycle 42 programs listed in Tariff Sheet Nos. ~~279~~ through ~~279I~~ and added in accordance with the Commission's rule 20 CSR 4240-20.094(4).

"Program Costs" means any prudently incurred program expenditures, including such items as program planning, program design; administration; delivery; end-use measures and incentive payments; advertising expense; evaluation, measurement, and verification; market potential studies; and work on a statewide ~~technical resource manual~~initiatives.

"Short-Term Borrowing Rate" means a rate equal to the weighted average interest paid on the Company's short-term debt during the month.

"Throughput Disincentive" (TD) means the utility's lost margins associated with the successful implementation of the MEEIA programs. The detailed methodology for calculating the TD is described beginning in Tariff Sheet No.21c.

"TRM" means the Technical Resource Manuals utilized to estimate the savings for the measures included in the DSM portfolio.

DETERMINATION OF DSIM RATES

The DSIM during the applicable EP is a dollar per kWh rate for each applicable Service Classification calculated as follows:

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ISSUED BY Cindy Wilson, Director Rates and Regulatory Affairs, JOPLIN, MO

P.S.C. Mo. No. 6 Sec. 4 ~~34rdth~~ Revised Sheet No. 21bCanceling P.S.C. Mo. No. 6 Sec. 4 ~~2nd-3rd~~ Revised Sheet No. 21bFor ALL TERRITORY

DEMAND-SIDE INVESTMENT MECHANISM RIDER SCHEDULE DSIM For MEEIA Cycle 12 Plan

$$DSIM = [NPC + NTD + NEO + NOA] / PE$$

Where:

NPC = Net Program Costs for the applicable EP as defined below,

$$NPC = PPC + PCR$$

PPC = Projected Program Costs is an amount equal to Program Costs projected by the Company to be incurred during the applicable EP.

PCR = Program Costs Reconciliation is equal to the cumulative difference, if any, between the NPC revenues billed resulting from the application of the DSIM through the end of the previous EP and the actual Program Costs incurred through the end of the previous EP (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest on cumulative over- or under-balances at the Company's monthly Short-Term Borrowing Rate.

NTD = Net Throughput Disincentive for the applicable EP as defined below,

$$NTD = PTD + TDR$$

PTD = Projected Throughput Disincentive is the Company's TD projected by the Company to be incurred during the applicable EP. For the detailed method for calculating the TD, see The MEEIA Cycle ~~24~~ Plan.TDR = Throughput Disincentive Reconciliation is equal to the cumulative difference, if any, between the NTD revenues billed during the previous EP resulting from the application of the DSIM and the Company's TD through the end of the previous EP calculated pursuant to the MEEIA Cycle ~~24~~ application, as applicable (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest on cumulative over- or under- balances at the Company's monthly Short-Term Borrowing Rate.

NEO = Net Earnings Opportunity for the applicable EP as defined below,

$$NEO = EO + EOR$$

EO = Earnings Opportunity is equal to the Earnings Opportunity Award monthly amortization multiplied by the number of billing months in the applicable EP, plus the succeeding EP. MEEIA Cycle ~~24~~ monthly amortization shall be determined by dividing the Earnings Opportunity Award by the number of billing months from the billing month of the first DSIM after the determination of the annual Earnings Opportunity Award and 12 calendar months following that first billing month.

EOR = Earnings Opportunity Reconciliation is equal to the cumulative difference, if any, between the NEO revenues billed during the previous EP resulting from the application of the DSIM and the monthly amortization of the EO Award through the end of the previous EP (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest on cumulative over- or under- balances at the Company's monthly Short-Term Borrowing Rate.

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P.S.C. Mo. No. 6 Sec. 4 54th Revised Sheet No. 21cCanceling P.S.C. Mo. No. 6 Sec. 4 3rd-4th Revised Sheet No. 21cFor ALL TERRITORY

DEMAND-SIDE INVESTMENT MECHANISM RIDER SCHEDULE DSIM For MEEIA Cycle <u>12</u> Plan

NOA = Net Ordered Adjustment for the applicable EP as defined below,

$$\text{NOA} = \text{OA} + \text{OAR}$$

OA = Ordered Adjustment is the amount of any adjustment to the DSIM ordered by the Commission as a result of prudence reviews and/or corrections under this Rider DSIM. Such amounts shall include monthly interest at the Company's monthly short-term borrowing rate.

OAR = Ordered Adjustment Reconciliation is equal to the cumulative difference, if any, between the NOA revenues billed during the previous EP resulting from the application of the DSIM and the actual OA ordered by the Commission through the end of the previous EP (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest on cumulative over- or under-balances at the Company's monthly Short-Term Borrowing Rate.

PE = Projected Energy, in kWh, forecasted to be delivered to the customers to which the Rider DSIM applies during the applicable EP.

The DSIM components and total DSIM applicable to the individual Service Classifications shall be rounded to the nearest \$0.00001.

Allocation of MEEIA Cycle 24 Program Costs, TD and EO for each rate schedule for the MEEIA Cycle 24 Plan will be allocated as outlined in ~~EO-2022-0078~~ [EO-2025-0124](#).

This Rider DSIM shall not be applicable to customers that have satisfied the opt-out provisions contained in Section 393.1075.7, RSMo or the low-income exemption provisions described herein.

CALCULATION OF TD:

Monthly Throughput Disincentive = the sum of the Throughput Disincentive Calculation for all programs applicable to (1) Residential Service (NS-RG, TC-RG, TP-RG); (2) Small General Service (NS-GS, TC-GS and TP-GS), (3) Large General Service (NS-LG and TC-LG), (4) Small Primary Service (NS-SP and TC-SP); (5) Large Power Service (LP); and (6) Transmission Service (TS).

The TD for each Service Classification shall be determined by the following formula:

$$\text{TD} = [\text{MS} \times \text{TBR} \times \text{NTGF}]$$

Where:

TD = Throughput Disincentive, in dollars, to be collected for a given month, for a given Service Classification.

MS = Monthly Savings, is the sum of all Programs' monthly savings, in kWh, for a given month, for a given Service Classification.

TBR = Tail Block Rate less the Base Factor. Applicable monthly Tail Block Rate for each applicable Service Classification less the Base Factor embedded in the Tail Block Rate as reported in the Fuel and Purchase Power Adjustment Clause.

P.S.C. Mo. No. 6 Sec. 4 54th Revised Sheet No. 21dCanceling P.S.C. Mo. No. 6 Sec. 4 3rd4th Revised Sheet No. 21dFor ALL TERRITORY

DEMAND-SIDE INVESTMENT MECHANISM RIDER SCHEDULE DSIM For MEEIA Cycle <u>12</u> Plan

NTGF = Net-To-Gross Factor. For the EP, all TD calculations will assume a NTGF of 0.825 for residential and 0.7 for non-residential until such time as a NTGF is determined through EM&V for that EP. Thereafter, for each given EP, the NTGF determined through EM&V will be used prospectively starting with the month in which the Earnings Opportunity Award is determined.

MS = The sum of all Programs' Monthly Savings in kWh, for a given month, for a given class. The Monthly Savings in kWh for each Program shall be determined by the formula:

$$MS = (MAS_{CM} + CAS_{PM} - RB) \times LS + HER$$

RB = Rebasing Adjustment. The Rebasing Adjustment shall equal the CAS applicable as of the date used for the MEEIA normalization in any general rate case resulting in new rates becoming effective during the accrual and collection of TD\$ pursuant to MEEIA Cycle 24. In the event more than one general rate case resulting in new rates becoming effective during the accrual and collection of TD\$ pursuant to MEEIA Cycle 24, the Rebasing Adjustment shall include each and every prior Rebasing Adjustment calculation.

LS = Load Shape. The Load Shape is the monthly load shape percent for each program.

MC = Measure Count. Measure Count, for a given month, for a given class, for each measure is the number of each measure installed in the current calendar month.

ME = Measure Energy. Measure Energy will be determined as follows, for each Measure:

- i. For Measures not listed under those programs listed in Liberty's MEEIA Cycle 24 Plan, the ME is the annual total of normalized savings for each measure at customer meter per measure defined in the TRM or in the cost-effectiveness analysis.
- ii. For Measures in MEEIA Cycle 24 programs, the ME will be the annual value attributable to the installations reported monthly by the program implementer.

MAS = The sum of MC multiplied by ME for all measures in a program in the current calendar month.

CAS = Cumulative sum of MAS for each program for MEEIA Cycle 24.

CM = Current Calendar month

PM = Prior calendar month

HER = Monthly kWh savings for the Home Energy Reports and Income-Eligible Home Energy Reports programs measured and reported monthly by the program implementer.

P.S.C. Mo. No. 6 Sec. 4 56th Revised Sheet No. 21eCanceling P.S.C. Mo. No. 6 Sec. 4 45th Revised Sheet No. 21eFor ALL TERRITORY

DEMAND-SIDE INVESTMENT MECHANISM RIDER SCHEDULE DSIM For MEEIA Cycle <u>42</u> Plan

EARNINGS OPPORTUNITY AWARD DETERMINATION

The MEEIA Cycle 24 EO Award shall be calculated using the matrix in the MEEIA Cycle 24 Plan. The cumulative EO will not go below \$0. The EO target at 100% is \$ ~~\$369,289,952,380.2~~. The EO cannot go above \$ ~~1,025,834,648,076~~. The cap is based on current program levels. If Commission-approved new programs are added during the EP and any program plan extensions/modifications through 20274, the Company may seek Commission approval to have the targets for the cap of the EO scale proportionately to the spending and participation targets.

FILING

After the initial DSIM Rider rate adjustment filing, the Company shall make a DSIM Rider rate adjustment filing at least annually under the Term of this MEEIA Rider. DSIM Rider rate adjustment filings shall be made at least sixty (60) days prior to their effective dates.

PRUDENCE REVIEWS

A prudence review shall be conducted no less frequently than at twenty-four (24) month intervals in accordance with 20 CSR 4240-20.093(11). Any costs, which are determined by the Commission to have been imprudently incurred or incurred in violation of the terms of this DSIM Rider, shall be returned to customers through an adjustment in the next DSIM Rider rate adjustment filing and reflected in factor OA above.

DISCONTINUING THE DSIM

The Company reserves the right to discontinue the entire MEEIA Cycle 24 portfolio, if the Company determines that implementation of such programs is no longer reasonable due to changed factors or circumstances that have materially and negatively impacted the economic viability of such programs as determined by the Company, upon no less than thirty days' notice to the Commission. As a result of these changes, the Company may file to discontinue this DSIM. Similar to Program discontinuance, the Company would file a notice indicating that it is discontinuing the DSIM Rider. This notice would include a methodology for recovery of any unrecovered Program Costs, ~~and TD~~ and EO.

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P.S.C. Mo. No. 6 Sec. 4 76th Revised Sheet No. 21f

Canceling P.S.C. Mo. No. 6 Sec. 4 65th Revised Sheet No. 21f

For ALL TERRITORY

DEMAND-SIDE INVESTMENT MECHANISM RIDER
 SCHEDULE DSIM
 For MEEIA Cycle 24 Plan

DEMAND SIDE INVESTMENT MECHANISM CHARGE

As approved in Commission Case No. ~~EO-2022-0078~~ EO-2025-0124, MEEIA Cycle 42 Filing.

MEEIA DSIM Components
 (MEEIA Cycle 42 Plan)

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)	Total DSIM (\$/kWh)
Residential Service	\$0.000 <u>325</u> 4	\$0.000 <u>2350</u>	\$0.0000 <u>56</u>	-	\$0.0008 <u>70</u>
Non-Residential Service	\$0.001 <u>770</u> 8	\$0.000 <u>9075</u>	\$0.0000 <u>56</u>	-	\$0.00 <u>27248</u> 9

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ISSUED BY Cindy Wilson, Director of Rates and Regulatory Affairs, JOPLIN, MO

For ALL TERRITORY

PROMOTIONAL PRACTICES
SCHEDULE PRO
Program Descriptions for MEEIA Cycle 2 Plan

A. Residential Smart Thermostats

PURPOSE:

The Residential Smart Thermostats program is designed to raise customer awareness of the benefits of smart thermostats to control energy use in their homes and to connect thermostats to the related demand response program. The Empire District Electric Company's (Company) participation in such financial incentives is limited to the amount approved by the Missouri Public Service Commission in Case No. EO-2025-0124.

DEFINITIONS:

Administrator – The Company will align itself with a third-party implementation vendor, which will also contribute to marketing and outreach.

Eligible Participant – Residential electric retail customer in rate schedule NS-RG, TC-RG or TP-RG.

Funds – The 2025 - 2027 budget for this program, as ordered in Case No. EO-2025-0124, is \$710,733.

Program Period – As approved in EO-2025-0124, the program will be administered through the year 2027, or until superseded by a new MEEIA portfolio.

Measures – Empire will offer instant rebates on qualifying thermostats through an on-line marketplace.

P.S.C. Mo. No. 6 Sec. 4 Original Sheet No. 29a

Canceling P.S.C. Mo. No. _____ Sec. _____ Revised Sheet No. _____

For ALL TERRITORY

<p>PROMOTIONAL PRACTICES SCHEDULE PRO Program Descriptions for MEEIA Cycle 2 Plan</p>

DESCRIPTIONS:

Customers are eligible to purchase qualifying smart thermostats through the on-line marketplace. Customers that participate receive instant incentives at the point-of-purchase. Incentives will vary depending upon the type of thermostat, manufacturer, and the associated retail cost.

Residential customers are also eligible to receive energy advice through an online energy audit tool available at no cost. The evaluation identifies potential energy efficiency upgrades, educates the customer on managing energy consumption, and provides further information on Liberty’s other energy efficiency programs. Customers may order recommended thermostats following the completion of an online audit through the online marketplace. The online marketplace will be available to all customers to purchase thermostats regardless of their participation in the online energy audit tool.

TERMS & CONDITIONS:

Liberty and/or a contractor acting on the Company’s behalf may conduct desktop or field-based QA/QC on a random selection of completed energy efficiency projects. The QA/QC process may include verification of purchase and/or installation of any equipment/measures that receive incentives through the program. The QA/QC process does not constitute an inspection for proper installation except where the installation impacts the effectiveness or efficiency of the measure in question. Customers and building owners who participate in this program may participate in other programs, if qualified.

For ALL TERRITORY

PROMOTIONAL PRACTICES
SCHEDULE PRO
Program Descriptions for MEEIA Cycle 2 Plan

B. Residential Demand Response Program

PURPOSE:

The Residential Demand Response Program (“Program”) is designed to deliver demand reductions during peak periods through the control of thermostats in customer locations. The Empire District Electric Company’s (Company) participation in such financial incentives is limited to the amount approved by the Missouri Public Service Commission in Case No. EO-2025-0124.

DEFINITIONS:

Administrator – The Company will align itself with a third-party implementation vendor, which will also contribute to marketing and outreach.

Eligible Participant – Single family residential electric retail customer in rate schedule NS-RG, TC-RG or TP-RG.

Funds – The 2025 - 2027 budget for this program, as ordered in Case No. EO-2025-0124, is \$858,933.

Program Period – As approved in EO-2025-0124 the program will be administered through the year 2027, or until superseded by a new MEEIA portfolio.

Measures – Liberty will offer incentives to customers who enroll in the program and participate in qualifying events.

DESCRIPTION:

A direct load control (“DLC”) program enabled through Wi-Fi connected thermostats in customers’ homes. Liberty will work with various smart thermostat manufacturers and anticipates entry into the program through multiple channels including bring your own device, customer self-install and direct installs for low-income customers. Liberty will partner with a demand response software provider who will remotely call events. An event will be called in coordination with peak demand in SPP. During an event, there may be a consistent change of temperature in a home or cycling a customer’s HVAC system to reduce demand. Customers will be compensated during the initial enrollment period and on a periodic basis (seasonally or annually) based on the number of events they participate in. Customers will be allowed to opt out of a single event without impact to their incentive tied to participation.

P.S.C. Mo. No. 6 Sec. 4 Original Sheet No. 29c

Canceling P.S.C. Mo. No. _____ Sec. _____ Revised Sheet No. _____

For ALL TERRITORY

PROMOTIONAL PRACTICES SCHEDULE PRO Program Descriptions for MEEIA Cycle 2 Plan
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DELIVERY:

The Company will deliver the Program with the aid of a program administrator, with whom it will deliver the program according to a contract.

TERMS AND CONDITIONS:

Liberty and/or a contractor acting on the Company's behalf may conduct desktop or field-based QA/QC on a random selection of completed energy efficiency projects. The QA/QC process may include verification of purchase and/or installation of any equipment/measures that receive incentives through the program. The QA/QC process does not constitute an inspection for proper installation except where the installation impacts the effectiveness or efficiency of the measure in question. Customers who participate in this program may participate in other programs, if qualified.

For ALL TERRITORY

PROMOTIONAL PRACTICES
SCHEDULE PRO
Program Descriptions for MEEIA Cycle 2 Plan

C. Residential Income Eligible Weatherization

PURPOSE:

The Residential Income Eligible Weatherization Program (Program) is designed to deliver long-term energy savings and bill reductions to eligible customers in single family and multi-family dwellings of 1-3 units through the direct installation of energy efficient measures.

DEFINITIONS:

Administrator – The Company will align itself with a third-party implementation vendor, which will also contribute to marketing and outreach.

Eligible Participant – Income eligible residential customers that own or rent a single-family residence or reside in a unit in a 1–3-unit building being served by the Company in rate schedule NS-RG, TC-RG, and TP-RG.

Funds – The 2025 - 2026 budget for this program, as ordered in Case No. EO-2025-0124, is \$1,148,368.

Program Period – As approved in EO-2025-0124, the program will be administered through the year 2026, or until superseded by a new MEEIA portfolio.

Measures - Eligible measures are included but not limited to infiltration reduction, attic insulation, sidewall insulation, floor and foundation insulation, pipe or duct insulation, water heater blankets, energy efficient lighting replacement and heating and cooling system repair or replacement. Customers are also eligible to receive funding for minor repairs that facilitate installation of energy efficient improvements. For measures such as air sealing, to ensure the health and safety of the customer, the program may perform combustion tests and/or install carbon monoxide detectors.

DESCRIPTION:

Income eligible customers receive free in-home evaluations, customized recommendations for energy efficient measure upgrades and direct installation of weatherization measures at no cost.

P.S.C. Mo. No. 6 Sec. 4 Original Sheet No. 29e

Canceling P.S.C. Mo. No. _____ Sec. _____ Revised Sheet No. _____

For ALL TERRITORY

PROMOTIONAL PRACTICES SCHEDULE PRO Program Descriptions for MEEIA Cycle 2 Plan
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DELIVERY:

Liberty will engage with local community qualified income assistance agencies as the primary path for program delivery. If local agencies are unable to fulfill program delivery Liberty will engage a third-party contractor to implement the program.

TERMS & CONDITIONS:

Liberty and/or a contractor acting on the Company's behalf may conduct desktop or field-based QA/QC on a random selection of completed energy efficiency projects. The QA/QC process may include verification of purchase and/or installation of any equipment/measures that receive incentives through the program. The QA/QC process does not constitute an inspection for proper installation except where the installation impacts the effectiveness or efficiency of the measure in question. Customers and building owners who participate in this program may participate in other programs, if qualified.

For ALL TERRITORY

PROMOTIONAL PRACTICES SCHEDULE PRO Program Descriptions for MEEIA Cycle 2 Plan
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D. C&I Demand Response Program

PURPOSE:

The C&I Demand Response Program facilitates the reduction of demand of building loads at commercial and industrial customer sites during peak events. The Empire District Electric Company's (Company) participation in such financial incentives is limited to the amount approved by the Missouri Public Service Commission in Case No. EO-2025-0124.

DEFINITIONS:

Administrator – The Company will align itself with a third-party implementation vendor, which will also contribute to marketing and outreach.

Eligible Participant – Nonresidential electric customers or owners of newly-constructed or existing nonresidential property who are being served under nonresidential rate plans: NS-GS, TC-GS, TP-GS, NS-LG, TC-LG, NS-SP, TC-SP, or LP, and are not on a current voluntary interruptible tariff with the Company.

Funds – The 2025 - 2027 budget for this program, as ordered in Case No. EO-2025-0124, is \$974,596.

Program Period – As approved in EO-2025-0124 the program will be administered through the year 2027, or until superseded by a new MEEIA portfolio.

Measures – Incentives.

Liberty will offer incentives to customers who enroll in the program and participate in qualifying events.

P.S.C. Mo. No. 6 Sec. 4 Original Sheet No. 29g

Canceling P.S.C. Mo. No. _____ Sec. _____ Revised Sheet No. _____

For ALL TERRITORY

PROMOTIONAL PRACTICES SCHEDULE PRO Program Descriptions for MEEIA Cycle 2 Plan
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DESCRIPTIONS:

The active demand response program is a technology agnostic program available to all commercial and industrial customers to reduce building system loads during peak events. Customers taking part in the program may not be on the Company's current curtailment.

The program will pay the customer or may work directly with their CSPs for demand reduced during an event. Customers will have the opportunity to select the number of events they are willing to participate in during a calendar year. Events will be called during weekdays, and customers may choose to participate in extended time events.

DELIVERY:

Liberty will work with a third-party implementation contractor to assist in the implementation and delivery of the program.

TERMS & CONDITIONS:

Liberty and/or a contractor acting on the Company's behalf may conduct desktop or field-based QA/QC on a random selection of completed energy efficiency projects. The QA/QC process may include verification of purchase and/or installation of any equipment/measures that receive incentives through the program. The QA/QC process does not constitute an inspection for proper installation except where the installation impacts the effectiveness or efficiency of the measure in question. Customers and building owners who participate in this program may participate in other programs, if qualified.

P.S.C. Mo. No. 6 Sec. 4 Original Sheet No. 29h

Canceling P.S.C. Mo. No. _____ Sec. _____ Revised Sheet No. _____

For ALL TERRITORY

PROMOTIONAL PRACTICES SCHEDULE PRO Program Descriptions for MEEIA Cycle 2 Plan
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E. Commercial and Industrial (“C&I”) Rebate Program

PURPOSE:

The C&I Rebate Program is designed to encourage the efficient use of energy by providing rebates to cover a portion of the costs associated with the purchase and installation of energy efficient equipment in commercial and industrial facilities. Empire District Electric Company’s (Company) participation in such financial incentives is limited to the amount approved by the Missouri Public Service Commission in Case No. EO-2025-0124.

DEFINITIONS:

Administrator – The Company will align itself with a third-party implementation vendor, which will also contribute to marketing and outreach.

Eligible Participant – Nonresidential electric customers or owners of newly-constructed or existing nonresidential property who are being served under nonresidential rate plans NS-GS, TC-GS, TP-GS, NS-LG, TC-LG, NS-SP, TC-SP, LP, or TS and have not opted out of participation in the program under Missouri Public Service Commission Rule 20 CSR 4240-20.094(7)(A).

Funds – The 2025 - 2026 budget for this program, as ordered in Case No. EO-2025-0124, is \$4,125,116.

Program Period – As approved in Case No. EO-2025-0124, the program will be administered through the year 2026, or until superseded by a new MEEIA portfolio.

P.S.C. Mo. No. 6 Sec. 4 Original Sheet No. 29j

Canceling P.S.C. Mo. No. _____ Sec. _____ Revised Sheet No. _____

For ALL TERRITORY

PROMOTIONAL PRACTICES SCHEDULE PRO Program Descriptions for MEEIA Cycle 2 Plan
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DESCRIPTIONS:

The program provides incentives to encourage the purchasing of energy efficient equipment at commercial and industrial facilities. The program consists of prescriptive and custom rebates.

Prescriptive – Pre-qualified prescriptive rebates are available for new construction and retrofit projects. A complete list of prescriptive measures and their projected incentives can be found in Application Appendix C of Empire’s MEEIA Cycle II Filing, made in Case No. EO-2025-0124. Liberty may adjust measures and incentive amounts during the program cycle based on customer participation, market conditions, budget restrictions or other limiting factors.

Custom – Equipment that does not qualify for a prescriptive rebate will be eligible for a custom rebate. Applications must be pre-approved by Empire before equipment is purchased and installed. A \$250,000 incentive cap is imposed per facility per program year. However, if funds are still available in the last three months of the program year, the cap may be exceeded.

TERMS & CONDITIONS:

Liberty and/or a contractor acting on the Company’s behalf may conduct desktop or field-based QA/QC on a random selection of completed energy efficiency projects. The QA/QC process may include verification of purchase and/or installation of any equipment/measures that receive incentives through the program. The QA/QC process does not constitute an inspection for proper installation except where the installation impacts the effectiveness or efficiency of the measure in question. Customers and building owners who participate in this program may participate in other programs, if qualified.

P.S.C. Mo. No. 6 Sec. 4 4th5th Revised Sheet No. 27

Canceling P.S.C. Mo. No. 6 Sec. 4 3rd-4th Revised Sheet No. 27

For ALL TERRITORY

PROMOTIONAL PRACTICES
SCHEDULE PRO
Program Descriptions for MEEIA Cycle 1 Plan

~~A. Residential Efficient Products~~

~~PURPOSE:~~

~~The Residential Efficient Products program is designed to raise customer awareness of the benefits of high efficiency products and to educate residential customers about energy use in their homes by offering information, products, and services to residential customers to save energy cost effectively. The Empire District Electric Company's (Company) participation in such financial incentives is limited to the amount approved by the Missouri Public Service Commission in Case No. EO-2022-0078.~~

~~DEFINITIONS:~~

~~Administrator—The Company will align itself with a third-party implementation vendor, which will also contribute to marketing and outreach.~~

~~DSM Advisory Group (“DSMAG”)—An advisory collaborative consisting of Company stakeholders including Missouri Public Service Commission Staff, Division of Energy, the Missouri Office of Public Counsel, National Housing Trust, and Renew Missouri. The Company will meet with the DSMAG no less than quarterly to: report on participation in its energy efficiency programs; discuss successes and challenges; report on expenditures, remaining budgets balances, and the Demand-side Investment Mechanism (“DSIM”); and work together toward the continuous improvement of the Company’s energy efficiency offerings.~~

~~Eligible Participant—Residential electric retail customer in rate schedule NS-RG, TC-RG or TP-RG.~~

~~Funds—The 2023 budget for this program, as ordered in Case No. EO-2022-0078, is \$358,201. The 2024 budget for this program, as ordered in Case No. EO-2022-0078, is \$380,145.~~

~~Program Period—As approved in EO-2022-0078, the program will be administered through the year 2024, or until superseded by a new MEEIA portfolio.~~

~~Measures—Empire will offer—via a combination of point-of-purchase instant rebates and offerings of an online marketplace—the following type of measures at a reduced cost: LED light bulbs, dehumidifiers, air purifiers, power strips, Advanced Thermostats, ENERGY STAR bathroom exhaust fans, ENERGY STAR ceiling fans, kitchen sink aerators, and low flow showerheads~~RESERVED FOR FUTURE USE.

P.S.C. Mo. No. 6 Sec. 4 4th-5th Revised Sheet No. 27b

Canceling P.S.C. Mo. No. 6 Sec. 4 3rd-4th Revised Sheet No. 27b

For ALL TERRITORY

PROMOTIONAL PRACTICES
 SCHEDULE PRO
 Program Descriptions for MEEIA Cycle 1 Plan

~~B. Low Income Multi Family program~~

~~PURPOSE:~~

~~The Low Income Multi Family Program (“Program”) is designed to deliver long-term energy savings and bill reductions to owners/operators and income-eligible customers in multi-family properties. The program will issue multifamily customers energy audits, accompanied by the direct installation of low-cost and no-cost energy efficiency measures and offering additional rebates as appropriate. The Empire District Electric Company’s (Company) participation in such financial incentives is limited to the amount approved by the Missouri Public Service Commission in Case No. EO-2022-0078.~~

~~DEFINITIONS:~~

~~Administrator—The Company will align itself with a third-party implementation vendor, which will also contribute to marketing and outreach.~~

~~DSM Advisory Group (“DSMAG”)—An advisory collaborative consisting of interested stakeholders such as Missouri Public Service Commission Staff, Division of Energy, and the Missouri Office of Public Counsel, National Housing Trust, and Renew Missouri. The Company will meet with the DSMAG no less than quarterly to: report on participation in its energy efficiency programs; discuss successes and challenges; report on expenditures, remaining budgets balances, and the Demand-side Investment Mechanism (“DSIM”); and work together toward the continuous improvement of the Company’s energy efficiency offerings.~~

~~Eligible Participant—Owners and operators of any multi-family property of three or more dwelling units receiving service under the NS-RG, TC-RG, TP-RG, NS-GS, TC-GS or TP-GS rate schedules, and meet any of the following criteria:~~

- ~~• Participation in an affordable housing program: Documented participation in a federal, state, or local affordable housing program, including LIHTC, HUD, USDA, State HFA, and local tax abatement for low-income properties.~~
- ~~• Location in a low-income census tract: Location in a census tract identified as low-income, using HUD’s annually published “Qualified Census Tracts” as a starting point.~~
- ~~• Rent roll documentation: Where at least 50% of the units have rents affordable to households at or below 80% of the area median income, as published annually by HUD.

 - ~~• Tenant income information: Documented tenant income information demonstrating at least 50% of units are rented to households meeting one of these criteria: at or below 200% of the Federal poverty level or at or below 80% of the Area~~~~

P.S.C. Mo. No. 6 Sec. 4 ~~3rd-4th~~ Revised Sheet No. 27c

Canceling P.S.C. Mo. No. 6 Sec. 4 ~~2nd-3rd~~ Revised Sheet No. 27c

For ALL TERRITORY

PROMOTIONAL PRACTICES
 SCHEDULE PRO
 Program Descriptions for MEEIA Cycle 1 Plan

~~Eligible Participant (cont.)~~

- ~~• Participation in the Weatherization Assistance Program: Documented information demonstrating the property is on the waiting list for, currently participating in, or has in the last 5 years participated in the Weatherization Assistance Program.~~

~~Funds—The 2023 budget for this program, as ordered in Case No. EO-2022-0078, is \$203,642. The 2024 budget for this program, as ordered in Case No. EO-2022-0078, is \$208,642.~~

~~Program Period—As approved in EO-2022-0078, the program will be administered through the year 2024, or until superseded by a new MEEIA portfolio.~~

~~Eligible Measures—~~

~~The Program Administrator will provide or approve installation of Program-specified energy efficiency measures and may provide custom incentives for measures that have been pre-authorized by the Program Administrator for tenant units, common areas, building shell, and whole building systems.~~

~~Direct install energy efficiency measures may include but are not limited to LED Light bulbs, faucet aerators, low flow showerheads, advanced thermostats, and smart power strips. Additional in unit measures may include refrigerator replacement, room A/Cs, other energy saving small appliances, and associated recycling.~~

~~Common area and whole building measures may include but are not limited to lighting, weatherization, water heating, HVAC systems, and other custom measures.~~

~~AVAILABILITY:~~

~~The Program is available to Eligible Participants as described above. Customers will receive Eligible Direct Install Measures, as described above at no cost. Incentives are also available for Custom measures. Custom measures are defined as non-prescriptive energy efficiency measures, or the integration of several measures, which may include prescriptive measures, to achieve significant energy savings. All custom measures must receive a pre-approval commitment from the Company whether for tenant units, common areas, building shell, or whole building systems. Empire encourages tenants to address energy efficiency needs in common areas either as Custom measures in this program, or through the HVAC, Small Business Direct Install program, or the Commercial and Industrial rebate program, depending on availability of funds and eligibility for programs~~RESERVED FOR FUTURE USE.

P.S.C. Mo. No. 6 Sec. 4 ~~3rd~~4th Revised Sheet No. 27d

Canceling P.S.C. Mo. No. 6 Sec. 4 ~~2nd-3rd~~ Revised Sheet No. 27d

For ALL TERRITORY

PROMOTIONAL PRACTICES SCHEDULE PRO Program Descriptions for MEEIA Cycle 1 Plan
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~~DELIVERY:~~

~~The Company will deliver the Program with the aid of a program administrator, with whom it will deliver the program according to a contract.~~

~~The Company will also work with natural gas utilities with which it shares customers, where applicable.~~

~~TERMS AND CONDITIONS:~~

~~Liberty and/or a contractor acting on the Company's behalf may conduct desktop or field based QA/QC on a random selection of completed energy efficiency projects. The QA/QC process may include verification of purchase and/or installation of any equipment/measures that receive incentives through the program. The QA/QC process does not constitute an inspection for proper installation except where the installation impacts the effectiveness or efficiency of the measure in question. Customers and building owners who participate in this program may participate in other programs, if qualified.~~ RESERVED FOR FUTURE USE

P.S.C. Mo. No. 6 Sec. 4 ~~5th~~6th Revised Sheet No. 27e

Canceling P.S.C. Mo. No. 6 Sec. 4 ~~4th~~5th Revised Sheet No. 27e

For ALL TERRITORY

PROMOTIONAL PRACTICES
SCHEDULE PRO
Program Descriptions for MEEIA Cycle 1 Plan

~~C. Residential Heating, Ventilation, and Air Conditioning (“HVAC”) Rebate~~

~~PURPOSE:~~

~~The HVAC Rebate Program (Program) is designed to encourage the efficient use of energy through the purchase and installation of energy efficient HVAC systems by providing rebates to lower the cost of such improvements for residential customers.~~

~~DEFINITIONS:~~

~~Administrator — The Company will align itself with a third-party implementation vendor, which will also contribute to marketing and outreach.~~

~~DSM Advisory Group (“DSMAG”) — An advisory collaborative consisting of Company stakeholders including Missouri Public Service Commission Staff, Division of Energy, the Missouri Office of Public Counsel, National Housing Trust, and Renew Missouri. The Company will meet with the DSMAG no less than quarterly to: report on participation in its energy efficiency programs; discuss successes and challenges; report on expenditures, remaining budgets balances, and the Demand-side Investment Mechanism (“DSIM”); and work together toward the continuous improvement of the Company’s energy efficiency offerings.~~

~~Eligible Participant — Electric residential customers, owners of residential rental property, and builders of residential structures being served by the Company in rate schedule NS-RG, TC-RG, and TP-RG, who elect to upgrade or install central cooling or heating systems with a SEER2 value of 15 or higher.~~

~~Funds — The 2023 budget for this program, as ordered in Case No. EO-2022-0078, is \$415,081. The 2024 budget for this program, as ordered in Case No. EO-2022-0078, is \$421,039.~~

~~Program Period — As approved in EO-2022-0078, the program will be administered through the year 2024, or until superseded by a new MEEIA portfolio.~~

~~Measures — High-efficiency Air-Source Heat Pumps, Electric central air conditioners, mini-split heat pumps, and geothermal heat pumps rated 15 SEER2 and above.~~

~~DESCRIPTIONS:~~

~~HVAC rebates will range from \$100 to \$750 per system and include equipment that ranges from SEER2 15 to SEER2 20+RESERVED FOR FUTURE USE.~~

P.S.C. Mo. No. 6 Sec. 4 4th5th Revised Sheet No. 27g

Canceling P.S.C. Mo. No. 6 Sec. 4 3rd4th Revised Sheet No. 27g

For ALL TERRITORY

PROMOTIONAL PRACTICES
SCHEDULE PRO
Program Descriptions for MEEIA Cycle 1 Plan

~~D. Whole Home Energy: Pay As You Save ("PAYS")~~

~~PURPOSE:~~

~~The PAYS Program facilitates whole-house improvements to existing homes by conducting home energy audits and encouraging the installation of energy efficient measures by offering on-bill financing on qualifying measures. The Empire District Electric Company's (Company) participation in such financial incentives is limited to the amount approved by the Missouri Public Service Commission in Case No. EO-2022-0078.~~

~~DEFINITIONS:~~

~~Administrator—The Company will align itself with a third-party implementation vendor, which will also contribute to marketing and outreach.~~

~~DSM Advisory Group ("DSMAG")—An advisory collaborative consisting of Company stakeholders including Missouri Public Service Commission Staff, Division of Energy, and the Missouri Office of Public Counsel, National Housing Trust, and Renew Missouri. The Company will meet with the DSMAG no less than quarterly to: report on participation in its energy efficiency programs; discuss successes and challenges; report on expenditures, remaining budgets balances, and the Demand-side Investment Mechanism ("DSIM"); and work together toward the continuous improvement of the Company's energy efficiency offerings.~~

~~Eligible Participant—Electric residential customers, owners of residential rental property, and builders of residential structures being served by the Company in rate schedule NS-RG, TC-RG, or TP-RG.~~

~~Funds—The 2023 budget for this program, as ordered in Case No. EO-2022-0078, is \$509,891. The 2024 budget for this program, as ordered in Case No. EO-2022-0078, is \$516,103.~~

~~Program Period—As approved in EO-2022-0078, the program will be administered through the year 2024, or until superseded by a new MEEIA portfolio.~~

~~Measures—Energy efficiency upgrades that could potentially be financed through the PAYS mechanism may include: LED Light bulbs, faucet aerators, low-flow showerheads, water heater insulation, air sealing, insulation, duct sealing, ENERGY STAR Windows, high-efficiency Air-Source Heat Pumps, Electric central air conditioners, mini-split heat pumps and geothermal heat pumps rated 15 SEER and above, advanced thermostats, heat pump water heaters, ENERGY STAR dehumidifiers, ENERGY STAR air purifiers, ENERGY STAR refrigerators, or smart power strips~~RESERVED FOR FUTURE USE.

P.S.C. Mo. No. 6 Sec. 4 ~~3rd-4th~~ Revised Sheet No. 27h

Canceling P.S.C. Mo. No. 6 Sec. 4 ~~2nd-3rd~~ Revised Sheet No. 27h

For ALL TERRITORY

PROMOTIONAL PRACTICES
SCHEDULE PRO
Program Descriptions for MEEIA Cycle 1 Plan

~~DESCRIPTIONS:~~

~~Customers receive free in-home evaluations and customized recommendations for energy efficient measure upgrades. Customers may choose to install any recommended upgrade and Liberty will cover the full installation cost of qualifying upgrades minus the cost of any incentives.~~

~~There are no upfront costs to our customers. Customers instead pay a fixed tariff on their monthly energy bills that is attached to the metered location and is less than the estimated savings generated by the upgrades. Customers pay this tariff charge until Liberty fully recoups its original investment, then customers receive all of the upgrade savings thereafter. All eligible rebates for the qualifying measures still apply for the customer.~~

~~For a project to be eligible for the PAYS program, the investment of the project must be able to be repaid via a monthly cost recovery charge that does not exceed 80 percent of expected average first-year energy savings, and that persists for a maximum of 80 percent of the expected useful life of the installed energy upgrades. For building efficiency upgrades, this period is typically around 12 years.~~

~~In cases where expected cost recovery payments are not sufficient to fully finance installed energy upgrades, the customer may contribute an upfront co-payment that reduces the cost of the investment to a level that may be financed according to the PAYS' cost effectiveness criteria.~~

~~TERMS & CONDITIONS:~~

~~Liberty and/or a contractor acting on the Company's behalf may conduct desktop or field-based QA/QC on a random selection of completed energy efficiency projects. The QA/QC process may include verification of purchase and/or installation of any equipment/measures that receive incentives through the program. The QA/QC process does not constitute an inspection for proper installation except where the installation impacts the effectiveness or efficiency of the measure in question. Customers and building owners who participate in this program may participate in other programs, if qualified~~RESERVED FOR FUTURE USE.

P.S.C. Mo. No. 6 Sec. 4 4th5th Revised Sheet No. 27i

Canceling P.S.C. Mo. No. 6 Sec. 4 3rd4th Revised Sheet No. 27i

For ALL TERRITORY

PROMOTIONAL PRACTICES
SCHEDULE PRO
Program Descriptions for MEEIA Cycle 1 Plan

~~E. — Small Business Direct Install Program~~

~~PURPOSE:~~

~~The Small Business Direct Install Program is designed to promote the installation of energy efficient technologies in small businesses. The Empire District Electric Company’s (Company) participation in such financial incentives is limited to the amount approved by the Missouri Public Service Commission in Case No. EO-2022-0078.~~

~~DEFINITIONS:~~

~~Administrator — The Company will align itself with a third party implementation vendor, which will also contribute to marketing and outreach.~~

~~DSM Advisory Group (“DSMAG”) — An advisory collaborative consisting of Company stakeholders including Missouri Public Service Commission Staff, Division of Energy, the Missouri Office of Public Counsel, National Housing Trust, and Renew Missouri. The Company will meet with the DSMAG no less than quarterly to: report on participation in its energy efficiency programs; discuss successes and challenges; report on expenditures, remaining budgets balances, and the Demand side Investment Mechanism (“DSIM”); and work together toward the continuous improvement of the Company’s energy efficiency offerings.~~

~~Eligible Participant — Nonresidential electric customers or owners of newly constructed or existing nonresidential property who are being served under nonresidential rate schedule NS-GS, TC-GS, or TP-GS.~~

~~Funds — The 2023 budget for this program, as ordered in Case No. EO-2022-0078, is \$474,824. The 2024 budget for this program, as ordered in Case No. EO-2022-0078, is \$476,324.~~

~~Program Period — As approved in EO-2022-0078, the program will be administered through the year 2024, or until superseded by a new MEEIA portfolio.~~

~~DESCRIPTIONS:~~

~~Customers receive an energy evaluation identifying potential energy savings. Customers are eligible to receive an incentive, direct installation of measures at no cost, and a customized recommendation for energy efficient equipment upgrades following the energy evaluation. The customized recommendation will provide information on potential energy savings, installation costs, and anticipated payback. The total incentive for direct install projects will vary by project.~~ RESERVED FOR FUTURE USE

P.S.C. Mo. No. 6 Sec. 4 4th5th Revised Sheet No. 27k

Canceling P.S.C. Mo. No. 6 Sec. 4 3rd4th Revised Sheet No. 27k

For ALL TERRITORY

PROMOTIONAL PRACTICES
SCHEDULE PRO
Program Descriptions for MEEIA Cycle 1 Plan

~~F. Commercial and Industrial (“C&I”) Rebate Program~~

~~PURPOSE:~~

~~The C&I Rebate Program is designed to encourage the efficient use of energy by providing rebates to cover a portion of the costs associated with the purchase and installation of energy efficient equipment in commercial and industrial facilities. Empire District Electric Company’s (Company) participation in such financial incentives is limited to the amount approved by the Missouri Public Service Commission in Case No. EO-2022-0078.~~

~~DEFINITIONS:~~

~~Administrator—The Company will align itself with a third-party implementation vendor, which will also contribute to marketing and outreach.~~

~~DSM Advisory Group (“DSMAG”)—An advisory collaborative consisting of Company stakeholders including Missouri Public Service Commission Staff, Division of Energy, the Missouri Office of Public Counsel, National Housing Trust, and Renew Missouri. The Company will meet with the DSMAG no less than quarterly to: report on participation in its energy efficiency programs; discuss successes and challenges; report on expenditures, remaining budgets balances, and the Demand-side Investment Mechanism (“DSIM”); and work together toward the continuous improvement of the Company’s energy efficiency offerings.~~

~~Eligible Participant—Nonresidential electric customers or owners of newly-constructed or existing nonresidential property who are being served under nonresidential rate plans NS-GS, TC-GS, TP-GS, NS-LG, TC-LG, NS-SP, TC-SP, LP, or TS and have not opted out of participation in the program under Missouri Public Service Commission Rule 4 CSR 240-20.094(7)(A).~~

~~Funds—The 2023 budget for this program, as ordered in Case No. EO-2022-0078, is \$1,465,977. The 2024 budget for this program, as ordered in Case No. EO-2022-0078, is \$1,478,133.~~

~~Program Period—As approved in Case No. EO-2022-0078, the program will be administered through the year 2024, or until superseded by a new MEEIA portfolio~~RESERVED FOR FUTURE USE.

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY
MEEIA CYCLE 2 APPLICATION
Case No. EO-2025-0124
APPENDIX F: CUSTOMER BILL EXAMPLE

Customer Bill Examples

Costs from the implementation of the MEEIA 2025-27 Plan are recovered through the Demand Side Investment Mechanism (“DSIM”) appearing on customer bills as the Energy Efficiency Investment Charge (“EEIC”) labeled as Energy Efficiency Investment. The EEIC reflects the costs incurred to provide customers with energy efficiency programs enabled by the Missouri Energy Efficiency Investment Act. This charge is based on rate per kWh usage and will fluctuate based on customer usage. The charge will remain on the monthly energy statement until all components of the DSIM are recovered. This may extend beyond the implementation dates of the program. The EEIC is highlighted in the examples of residential and business customer energy statements to illustrate placement and calculation.

Residential Bill Example

energy and water for life

Account Information
Customer Name: JOE CUSTOMER
Service Address: 100 MAIN AVE, JOPLIN MO US 64801-0000
Account Number: -000000000000

What do I owe?

\$80.89

How much did I use?

406
kWh

When is it due?

Dec 17, 2024

Your Monthly Electricity Use At a Glance

Month	Prior 12 Months (kWh)	Current 12 Months (kWh)	Avg Daily kWh Usage
DEC	392	392	12.7
JAN	490	490	16.3
FEB	392	392	12.7
MAR	294	294	9.8
APR	392	392	12.7
MAY	490	490	16.3
JUN	688	688	22.9
JUL	882	882	29.4
AUG	882	882	29.4
SEPT	688	688	22.9
OCT	490	490	16.3
NOV	392	392	12.7

Important messages from Liberty

ELECTRIC EMERGENCIES: For electric emergencies, or to report power outages, call 1-800-206-2300

Pay online at LibertyEnergyandWater.com, or return this portion with your payment. Please include your account number on your check and make payable to Liberty Utilities.

Account Number: 0000000000
Service Address: 100 MAIN AVE
Bill Date: 26-NOV-2024
Due Date: 17-DEC-2024

\$80.89	Amount Due
Amount Enclosed	

LATE PAYMENT FEE:
Late fee of \$0.20 will be added to amount due if not paid by December 17, 2024. New amount due will be \$81.09.

Please check box and see reverse for: Assistance Donation

JOE CUSTOMER
100 MAIN AVE
JOPLIN MO 64801-0000

REMIT TO:
LIBERTY
P.O. BOX 75660
CHICAGO IL 60675-5660

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

MEEIA CYCLE 2 APPLICATION

Case No. EO-2025-0124

APPENDIX F: CUSTOMER BILL EXAMPLES

Go green and sign up for paperless billing today! Online access gives you the ability to make payments, set up autopay and activate useful email or text notifications about your usage.



Explanation of Regulations and Policies

For additional information please visit www.LibertyEnergyandWater.com.

Understanding Your Bill

Customer Charge:

A fixed monthly charge to cover costs to meter and bill your account and provide customer service.

Due Date/Late Charge:

Please pay your bill by the due date to avoid a late charge.

February 2021 Storm and Asbury Costs:

For most of our rate classes, including our residential class, this charge of approximately 1 cent per kWh of energy usage is to primarily recover approximately \$305 million in costs incurred because of the 2021 extreme weather event called Winter Storm Uri and the Asbury generation plant that was removed from service after 50 years. Learn more at www.libertyenergyandwater.com. BondCo is the owner of the rights to securitized utility tariff charges (SUTC). Liberty is acting as the servicer for BondCo.

Franchise Fee:

This fee is a tax levied by local municipalities that Liberty collects and passes on to those respective cities. Applicable state and local taxes are also charged.

Fuel Adjustment Clause:

This is the charge for the difference between the amount of fuel and purchased power costs established in the current base rate structure and the amount of actual fuel and purchased power costs incurred by Liberty. The rate changes twice a year. If fuel costs incurred by the Company are less than what is established in the current base rate structure, customers will see a credit in the Fuel Charge line. The charge includes no mark-up or profit for Liberty.

Meter Read Date:

This is typically the day before the start of the billing period.

Multiplier:

Converts the metered unit of measure to the standard billing unit of measure, where applicable.

Prorated Bill:

If applicable, we will adjust, or prorate, the charges on bills with more or less than the standard days of service.

Rate Code:

This code represents the rate used to calculate your bill.

Read Type:

If we are unable to read your meter, we will estimate your usage for the month.

Taxes:

This section summarizes state and local taxes, including city franchise tax, if applicable.

Units:

kWh= Kilowatt Hour

Usage Charge

The portion billed for the kilowatt hours of electricity used.



Important Information

Customer Care and Emergency:

800-206-2300

Call before you Dig:

8-1-1

Website:

www.LibertyEnergyandWater.com

Social Media:

Facebook: @LibertyUtilitiesCentral

Youtube: @liberty-centralregion718



Other Information

General Correspondence

Please remember to include your name, 12-digit account number, service address, mailing address and phone number including the area code, on any correspondence to us. Contact us if you have had a change in mailing address or name, or you may be billed even after a move.

Mail to:

Liberty
P.O. Box 127
Joplin, MO 64802

Email to:

customer.service@Libertyutilities.com

Glossary of Terms

For a definition of the additional billing terms, please visit: www.libertyenergyandwater.com

Employee Identification

All Liberty service employees are uniformed and wear identification badges with the company logo, employee picture, and name. Please verify the badge or call us to confirm employee identification.

Financial Assistance

Liberty offers assistance programs and flexible payment options, including a payment arrangement program for residential and business customers to allow for additional time to spread out past due balances and make payments more manageable. Customers can learn more about our assistance options at www.libertyenergyandwater.com.

Liberty has a list of various agencies that may be able to provide financial assistance for some portion of the utility bill. This list is available on our website or customers can call our Customer Care team at 800-206-2300.

Dispute Resolution

Liberty is regulated by the Missouri Public Service Commission (PSC). Customers can contact the PSC at:

Missouri Public Service Commission:

200 Madison Street, PO Box 360
Jefferson City, MO 65102-0360
1-800-392-4211 / www.psc.mo.gov

Payment Options



EFT (Automatic) Payments

Pay your bill automatically from your bank account.



Online

www.LibertyEnergyandWater.com



Phone

800-206-2300



Mail Payments

Liberty
P.O. Box 75660
Chicago, IL 60675-5660



In Person

Visit LibertyEnergyandWater.com for our office locations or authorized payment centers.

Billing Programs

Budget Billing (Formerly Average Payment Plan "APP")

Allows you to spread out payments over the year, avoiding high and low fluctuations in your monthly bill. The statement will also show the difference between Budget Billing and Actual Charges to Date otherwise known as Settlement Amount.

Installment Plan

An extended payment plan where past-due bills may be paid in installments over a specific time period. The Statement will also show the Remaining Installment Plan amount to be billed.

Project Help Energy Assistance Program

Project Help is an assistance program created to meet emergency energy-related expenses of the elderly and/or customers with disabilities. Project Help is funded through voluntary donations. Visit our website for more information and to sign up for the program. All donations are tax deductible.

Thank you for sharing with those in need in your community.

Please choose an amount to be billed monthly on your Liberty Statement.

\$1 ___ \$5 ___ \$10 ___ \$20 ___ Other ___ One-Time Contribution ___

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY
MEEIA CYCLE 2 APPLICATION
Case No. EO-2025-0124
APPENDIX F: CUSTOMER BILL EXAMPLES

Account Activity for Your Electric Service from 10/23/2024 - 11/21/2024
Rate: Time Choice Residential Rate Plan (Schedule TC-RG)
Next Scheduled Meter Read Date: 12/20/2024
Point of Delivery ID: 000000000000000000



Meter Number	Type of Service	Read Type	Service Days	Billing Period	Current	Previous	KWH Used	Multiplier	Usage
AAA00000000	Off-Peak	Actual	30	10/23/24 - 11/21/24	29995.482	29589.365	406.117	1	406.117
		Actual	30	10/23/24 - 11/21/24			95.538	1	95.538

What am I paying for? **Additional messages**

Previous Balance as of 10/24/2024	\$ 84.17
Payment(s) Received as of 11/26/2024	\$ -84.17
Balance Forward	\$ 0.00

Prepare for cooler weather with these winter energy saving tips: Efficient humidifiers are a good investment for energy conservation while combatting dry winter air. Set your heating thermostat as low as comfort permits. Raise shades and open curtains during the day. Close shades and curtains at night. For more tips, visit www.libertyenergyandwater.com

Current Charges

ELECTRICITY CHARGES	QUANTITY USED	COST PER KWH		
Customer Charge			\$	13.00
Usage Charge	406.1170 KWH	\$ 0.140310	\$	56.98
Off Peak Credit	95.5380 KWH	\$ -0.020000	\$	-1.91
Energy Efficiency Prgm Cost	406.1170 KWH	\$ 0.000280	\$	0.11
Energy Efficiency Investment	406.1170 KWH	\$ 0.000800	\$	0.32
February 2021 Storm And Asbury Costs	406.1170 KWH	\$ 0.010474	\$	4.25
Fuel Adjustment Clause	406.1170 KWH	\$ 0.008110	\$	3.29
TOTAL ELECTRICITY CHARGES			\$	76.04
TAX CHARGES				
Franchise Fee \$76.04 @ 6.383%			\$	4.85
TOTAL TAX CHARGES			\$	4.85
TOTAL CURRENT CHARGES			\$	80.89

Total Amount Due **\$ 80.89**

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY
MEEIA CYCLE 2 APPLICATION
Case No. EO-2025-0124
APPENDIX F: CUSTOMER BILL EXAMPLES

Commercial Bill Example

energy and water for life

Account Information

Customer Name: A COMPANY LLC
Service Address: 100 MAIN AVE, OZARK MO US 65721-0000
Account Number: 0000000000



What do I owe?

\$148.26

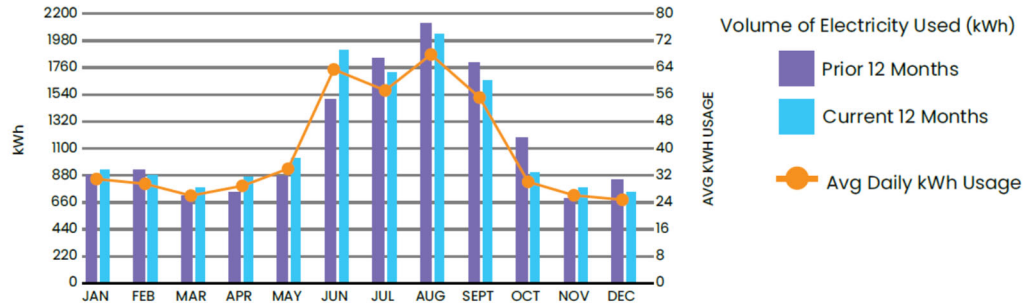
How much did I use?

743
kWh

When is it due?

Jan 17, 2025

Your Monthly Electricity Use At a Glance



Important messages from Liberty

⚠️ ELECTRIC EMERGENCIES: For electric emergencies, or to report power outages, call 1-800-206-2300

Pay online at LibertyEnergyandWater.com, or return this portion with your payment. Please include your account number on your check and make payable to Liberty Utilities.



Account Number: 0000000000
Service Address: 100 MAIN AVE
Bill Date: 27-DEC-2024
Due Date: 17-JAN-2025

LATE PAYMENT FEE:
Late fee of \$7.41 will be added to amount due if not paid by January 17, 2025. New amount due will be \$155.67.

\$148.26
Amount Due

Amount Enclosed

Please check box and see reverse for: Assistance Donation

A COMPANY LLC
PO BOX 000
OZARK MO 65721-0000

REMIT TO:
LIBERTY
P.O. BOX 75660
CHICAGO IL 60675-5660

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

MEEIA CYCLE 2 APPLICATION

Case No. EO-2025-0124

APPENDIX F: CUSTOMER BILL EXAMPLES

Go green and sign up for paperless billing today! Online access gives you the ability to make payments, set up autopay and activate useful email or text notifications about your usage.



Explanation of Regulations and Policies

For additional information please visit www.LibertyEnergyandWater.com.

Understanding Your Bill

Customer Charge:

A fixed monthly charge to cover costs to meter and bill your account and provide customer service.

Due Date/Late Charge:

Please pay your bill by the due date to avoid a late charge.

February 2021 Storm and Asbury Costs:

For most of our rate classes, including our residential class, this charge of approximately 1 cent per kWh of energy usage is to primarily recover approximately \$305 million in costs incurred because of the 2021 extreme weather event called Winter Storm Uri and the Asbury generation plant that was removed from service after 50 years. Learn more at www.libertyenergyandwater.com. BondCo is the owner of the rights to securitized utility tariff charges (SUTC). Liberty is acting as the servicer for BondCo.

Franchise Fee:

This fee is a tax levied by local municipalities that Liberty collects and passes on to those respective cities. Applicable state and local taxes are also charged.

Fuel Adjustment Clause:

This is the charge for the difference between the amount of fuel and purchased power costs established in the current base rate structure and the amount of actual fuel and purchased power costs incurred by Liberty. The rate changes twice a year. If fuel costs incurred by the Company are less than what is established in the current base rate structure, customers will see a credit in the Fuel Charge line. The charge includes no mark-up or profit for Liberty.

Meter Read Date:

This is typically the day before the start of the billing period.

Multiplier:

Converts the metered unit of measure to the standard billing unit of measure, where applicable.

Prorated Bill:

If applicable, we will adjust, or prorate, the charges on bills with more or less than the standard days of service.

Rate Code:

This code represents the rate used to calculate your bill.

Read Type:

If we are unable to read your meter, we will estimate your usage for the month.

Taxes:

This section summarizes state and local taxes, including city franchise tax, if applicable.

Units:

kWh= Kilowatt Hour

Usage Charge

The portion billed for the kilowatt hours of electricity used.



Important Information

Customer Care and Emergency:

800-206-2300

Call before you Dig:

8-1-1

Website:

www.LibertyEnergyandWater.com

Social Media:

Facebook: @LibertyUtilitiesCentral

Youtube: @liberty-centralregion718



Other Information

General Correspondence

Please remember to include your name, 12-digit account number, service address, mailing address and phone number including the area code, on any correspondence to us. Contact us if you have had a change in mailing address or name, or you may be billed even after a move.

Mail to:

Liberty
P.O. Box 127
Joplin, MO 64802

Email to:

customer.service@Libertyutilities.com

Glossary of Terms

For a definition of the additional billing terms, please visit: www.libertyenergyandwater.com

Employee Identification

All Liberty service employees are uniformed and wear identification badges with the company logo, employee picture, and name. Please verify the badge or call us to confirm employee identification.

Financial Assistance

Liberty offers assistance programs and flexible payment options, including a payment arrangement program for residential and business customers to allow for additional time to spread out past due balances and make payments more manageable. Customers can learn more about our assistance options at www.libertyenergyandwater.com.

Liberty has a list of various agencies that may be able to provide financial assistance for some portion of the utility bill. This list is available on our website or customers can call our Customer Care team at 800-206-2300.

Dispute Resolution

Liberty is regulated by the Missouri Public Service Commission (PSC). Customers can contact the PSC at:

Missouri Public Service Commission:

200 Madison Street, PO Box 360
Jefferson City, MO 65102-0360
1-800-392-4211 / www.psc.mo.gov

Payment Options



EFT (Automatic) Payments

Pay your bill automatically from your bank account.



Online

www.LibertyEnergyandWater.com



Phone

800-206-2300



Mail Payments

Liberty
P.O. Box 75660
Chicago, IL 60675-5660



In Person

Visit LibertyEnergyandWater.com for our office locations or authorized payment centers.

Billing Programs

Budget Billing (Formerly Average Payment Plan "APP")

Allows you to spread out payments over the year, avoiding high and low fluctuations in your monthly bill. The statement will also show the difference between Budget Billing and Actual Charges to Date otherwise known as Settlement Amount.

Installment Plan

An extended payment plan where past-due bills may be paid in installments over a specific time period. The Statement will also show the Remaining Installment Plan amount to be billed.

Project Help Energy Assistance Program

Project Help is an assistance program created to meet emergency energy-related expenses of the elderly and/or customers with disabilities. Project Help is funded through voluntary donations. Visit our website for more information and to sign up for the program. All donations are tax deductible.

Thank you for sharing with those in need in your community.

Please choose an amount to be billed monthly on your Liberty Statement.

\$1 ___ \$5 ___ \$10 ___ \$20 ___ Other ___ One-Time Contribution ___

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY
MEEIA CYCLE 2 APPLICATION
Case No. EO-2025-0124
APPENDIX F: CUSTOMER BILL EXAMPLES



Account Activity for Your Electric Service from 11/25/2024 - 12/23/2024
Rate: Time Choice General Service Rate Plan (Schedule TC-GS)
Next Scheduled Meter Read Date: 01/23/2025
Point of Delivery ID: 000000000000

Meter Number	Type of Service	Read Type	Service Days	Billing Period	Current	Previous	KWH Used	Multiplier	Usage
EEF0XXXXXX		Actual	29	11/25/24 - 12/23/24	55909.878	55166.529	743.349	1	743.349
	Off-Peak	Actual	29	11/25/24 - 12/23/24			171.187	1	171.187

What am I paying for? **Additional messages**

Previous Balance as of 11/27/2024	\$ 159.83
Payment(s) Received as of 12/27/2024	\$ -159.83
Balance Forward	\$ 0.00

Be safe around electricity by being aware of your surroundings. Always report downed power lines and never touch them: Stay at least 30 feet away, about the length of a regular school bus. For emergencies, or to report power outages, call 1-800-206-2300.

Current Charges

ELECTRICITY CHARGES	QUANTITY USED	COST PER KWH		
Customer Charge			\$	23.97
Usage Charge	700.0000 KWH	\$ 0.138920	\$	97.24
Usage Charge	43.3490 KWH	\$ 0.126240	\$	5.47
Off Peak Credit	171.1870 KWH	\$ -0.020000	\$	-3.42
Energy Efficiency Prgm Cost	743.3490 KWH	\$ 0.000280	\$	0.21
Energy Efficiency Investment	743.3490 KWH	\$ 0.001890	\$	1.40
February 2021 Storm And Asbury Costs	135.7750 KWH	\$ 0.010474	\$	1.42
February 2021 Storm And Asbury Costs	607.5740 KWH	\$ 0.008029	\$	4.88
Fuel Adjustment Clause	135.7750 KWH	\$ 0.008110	\$	1.10
Fuel Adjustment Clause	607.5740 KWH	\$ 0.003420	\$	2.08
TOTAL ELECTRICITY CHARGES			\$	134.35
TAX CHARGES				
Franchise Fee \$134.35 @ 2.000%			\$	2.69
State of MO Sales Tax \$134.35 @ 4.225%			\$	5.68
County of Christian \$134.35 @ 1.75%			\$	2.35
City of Ozark \$134.35 @ 2.375%			\$	3.19
TOTAL TAX CHARGES			\$	13.91
TOTAL CURRENT CHARGES			\$	148.26

Total Amount Due **\$ 148.26**

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

MEEIA CYCLE 2 APPLICATION

Case No. EO-2025-0124

APPENDIX G: MEEIA CYCLE 2 ACCOUNTING

Portfolio	Program	Company Code Designation	Portfolio Designation	Program and Cost Category	Program Abbreviation	Abbreviated	FERC Account	Proposed Accounting Codes
						Program and Cost Category		
MEEIA Cycle 2	Smart Thermostats	3111	DED.MEEIAC2	Products - Incentives	EP	PROI	1823	DED.MEEIAC2.EP.PROI.1823
MEEIA Cycle 2	Smart Thermostats	3111	DED.MEEIAC2	Products - Admin	EP	PROA	1823	DED.MEEIAC2.EP.PROA.1823
MEEIA Cycle 2	Smart Thermostats	3111	DED.MEEIAC2	Products - Marketing	EP	PROM	1823	DED.MEEIAC2.EP.PROM.1823
MEEIA Cycle 2	Smart Thermostats	3111	DED.MEEIAC2	Products - T&R	EP	PROT	1823	DED.MEEIAC2.EP.PROT.1823
MEEIA Cycle 2	Low Income Weatherization	3111	DED.MEEIAC2	LIWZ - Incentives	LI	LIWZ	1823	DED.MEEIAC2.LI.LIMI.1823
MEEIA Cycle 2	Low Income Weatherization	3111	DED.MEEIAC2	LIWZ - Admin	LI	LIWZ	1823	DED.MEEIAC2.LI.LIMA.1823
MEEIA Cycle 2	Low Income Weatherization	3111	DED.MEEIAC2	LIWZ- Marketing	LI	LIWZ	1823	DED.MEEIAC2.LI.LIMM.1823
MEEIA Cycle 2	Low Income Weatherization	3111	DED.MEEIAC2	LIWZ - T&R	LI	LIWZ	1823	DED.MEEIAC2.LI.LIMT.1823
MEEIA Cycle 2	Residential Demand Response	3111	DED.MEEIAC2	RDMR - Incentives	RD	RDRI	1823	DED.MEEIAC2.RD.RDRI.1823
MEEIA Cycle 2	Residential Demand Response	3111	DED.MEEIAC2	RDMR - Admin	RD	RDRA	1823	DED.MEEIAC2.RD.RDRA.1823
MEEIA Cycle 2	Residential Demand Response	3111	DED.MEEIAC2	RDMR - Marketing	RD	RDRM	1823	DED.MEEIAC2.RD.RDRM.1823
MEEIA Cycle 2	Residential Demand Response	3111	DED.MEEIAC2	RDMR - T&R	RD	RDRT	1823	DED.MEEIAC2.RD.RDRT.1823
MEEIA Cycle 2	C&I Demand Response	3111	DED.MEEIAC2	CDMR - Incentives	RD	CDRI	1823	DED.MEEIAC2.RD.CDRI.1823
MEEIA Cycle 2	C&I Demand Response	3111	DED.MEEIAC2	CDMR - Admin	RD	CDRA	1823	DED.MEEIAC2.RD.CDRA.1823
MEEIA Cycle 2	C&I Demand Response	3111	DED.MEEIAC2	CDMR - Marketing	RD	CDRM	1823	DED.MEEIAC2.RD.CDRM.1823
MEEIA Cycle 2	C&I Demand Response	3111	DED.MEEIAC2	CDMR - T&R	RD	CDRT	1823	DED.MEEIAC2.RD.CDRT.1823
MEEIA Cycle 2	C&I Rebate Program	3111	DED.MEEIAC2	C&I Rebate - Incentives	CI	CIRI	1823	DED.MEEIAC2.CI.CIRI.1823
MEEIA Cycle 2	C&I Rebate Program	3111	DED.MEEIAC2	C&I Rebate - Admin	CI	CIRA	1823	DED.MEEIAC2.CI.CIRA.1823
MEEIA Cycle 2	C&I Rebate Program	3111	DED.MEEIAC2	C&I Rebate - Marketing	CI	CIRM	1823	DED.MEEIAC2.CI.CIRM.1823
MEEIA Cycle 2	C&I Rebate Program	3111	DED.MEEIAC2	C&I Rebate - T&R	CI	CIRT	1823	DED.MEEIAC2.CI.CIRT.1823
MEEIA Cycle 2	Portfolio	3111	DED.MEEIAC2	Portfolio - Incentives	PF	PTFI	1823	DED.MEEIAC2.PF.PTFI.1823
MEEIA Cycle 2	Portfolio	3111	DED.MEEIAC2	Portfolio - Admin	PF	PTFA	1823	DED.MEEIAC2.PF.PTFA.1823
MEEIA Cycle 2	Portfolio	3111	DED.MEEIAC2	Portfolio - Labor	PF	PTFL	1823	DED.MEEIAC2.PF.PTFL.1823
MEEIA Cycle 2	Portfolio	3111	DED.MEEIAC2	Portfolio - Marketing	PF	PTFM	1823	DED.MEEIAC2.PF.PTFM.1823
MEEIA Cycle 2	Portfolio	3111	DED.MEEIAC2	Portfolio - T&R	PF	PTFT	1823	DED.MEEIAC2.PF.PTFT.1823

Earnings Opportunity

DSM Programs

The earnings opportunity on non DSM programs will be based on the total incentive spend by program for the first two years and the earnings rate will be 15%. There is no threshold requirement for incentive spending.

Example EO calculation based on 100% incentive spend.

Non-DR Program	Incentive Spend	Estimated Annual EO
LI WEATHER	\$ 925,068	
C&I REBATE	3,465,366	
TOTAL	\$ 4,390,451	
EO (15% incentive spend)	\$ 658,568	\$ 329,284

DR Programs and Thermostats

The earnings opportunity for DR programs and thermostats will be based on the total incentive spend by program for three years and the earnings rate as outlined in rows 34 - 47. There is no threshold requirement for incentive spending at the program or sector level.

Example EO calculation based on 100% incentive spend

DR & Thermostat Program	Incentive Spend	Estimated Annual EO
THERMO	\$ 463,500	
SMART THERMO DR	309,160	
DR C&I	696,414	
TOTAL	\$ 1,469,074	\$ 489,691

Year 1:

Incentive Spend (based on 100% spend)

	<u>Core (25%)</u>	<u>Max (30%)</u>
EO	\$ 122,423	\$ 146,907

Year 2:

	<u>Core (20%)</u>	<u>Max (25%)</u>
EO	\$ 97,938	\$ 122,423

Year 3:

	<u>Core (15%)</u>	<u>Max (20%)</u>
EO	\$ 73,454	\$ 97,938

Total EO for MEEIA Cycle 2:		
	Core	Max
Year 1:	\$ 451,707	\$ 476,191
Year 2:	427,222	451,707
Year 3:	73,454	97,938
Total:	\$ 952,382	\$ 1,025,836